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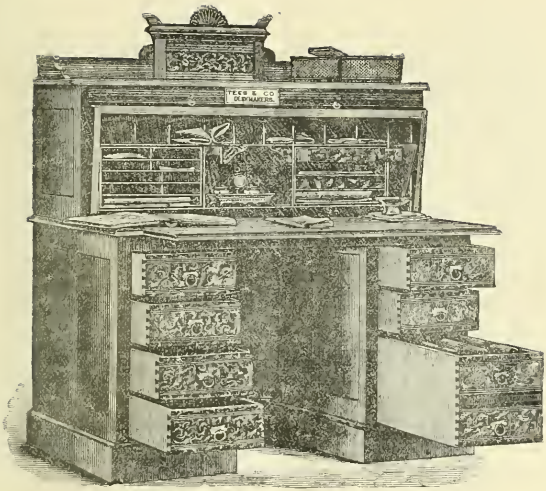

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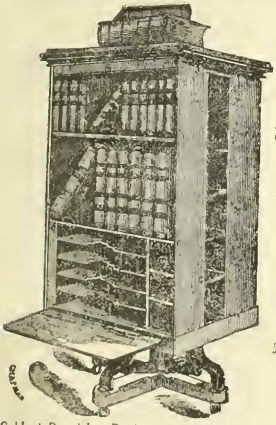

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DEAR SIRS:—Will you have the kindness to inform me if you have an Agent in this town for WARNER'S INGLUVIN, as I shall most likely prescribe it from time to time, in order to give it a more extended trial. I was much gratified with its action in a distressing case of Tabes-Mesenteric Disease. I had no difficulty in bringing the pain under subjection by opiates, etc.; but in the vomiting, emaciation and disordered condition of the bowels, there was no improvement. Finding a sample box of INGLUVIN upon my consulting table (and for which accept my thanks, for I firmly believe that the powder saved my little patient's life), I gave the mother the box containing a dozen powders, requesting her to divide one into three, and administer one twice daily. The pain disappeared, the vomiting ceased, flesh was rapidly put on, and in the short space of a fortnight (the patient previously under treatment for six weeks) was convalescent and completely recovered (aged 2½ years).

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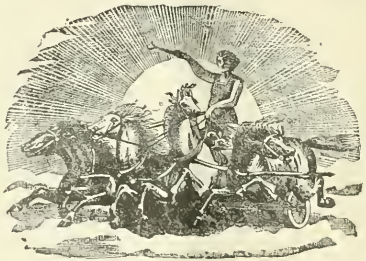

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| | Applications Received. | Amount in Force. |
|---|---|---|
| 1874 | $ 621,342 00 | $1,786,002 00 |
| 1876 | 1,154,998 00 | 2,114,063 00 |
| 1878 | 1,606,301 00 | 3,374,683 43 |
| 1880 | 2,142,343 92 | 3,881,479 24 |
| 1882 | 1,962,461 98 | 5,849,889 19 |
| 1885 | 2,928,900 43 | 6,779,565 77 |

Total Assurances in force, Life and Accident, over ..... $10,000,000
Annual Income now ..... $300,000
or $1,000 for every working day in the year.
Assets ..... $ 1,200,000
or about Two Dollars for every Dollar of liability to Policy Holders.

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# McGILL UNIVERSITY.

## ANNUAL CALENDAR,

# Faculty of Medicine.

**52nd SESSION 1884-85.**

Montreal:
PRINTED FOR THE UNIVERSITY BY JOHN LOVELL & SON.
1884.

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# General Statement.

## SESSION OF 1884-5.

The Fifty-second Session of the University, being the Thirty-second under the amended Charter, will commence in the Autumn of 1884.

By Virtue of the Royal Charter, granted in 1821 and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties, in McGill College, and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and while all possible attention will be given to the character and conduct of students, no interference with their peculiar religious views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the Affiliated Colleges and Schools.

### I. McGILL COLLEGE.

THE FACULTY OF ARTS.—The complete course of study extends over four Sessions, of eight months each; and includes Classics and Mathematics, Experimental Physics, English Literature, Logic, Mental and Moral Science, Natural Science, and one Modern Language, or Hebrew; all which subjects are imperative in the first two years of the course; but in the third and fourth years options are allowed in favour of the Honour Courses in Classics, Mathematics, Mental and Moral Science, Natural Science, and English Literature. Certain exemptions are also allowed to professional Students. The course of study leads to the Degrees of B.A., M.A., and LL.D.

THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over three or four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, and Practical Chemistry, leading to the Degrees of Bachelor of Applied Science, Master of Engineering, and Master of Applied Science.

THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions, of six months each, and one Summer Session of three months in the 3rd Academic Year, and leads to the Degree of M.D., C.M.

THE FACULTY OF LAW.—The complete course in Law extends over three Sessions, of six months each, and leads to the degrees of B.C.L. and D.C.L.

## II. AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study wholly in the Affiliated College, or in part in McGill College, and may come up to the University Examinations on the same terms with the Students of McGill College.

MORRIN COLLEGE, *Quebec*—Is affiliated in so far as regards Degrees in Arts and Law.

[Detailed information may be obtained from Rev. John Cook, D.D., Principal.]

ST. FRANCIS COLLEGE, *Richmond*—Is affiliated in so far as regards the Intermediate Examinations in Arts.

[Detailed information may be obtained from Principal Passmore, Richmond, P.Q.]

## III. AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their Students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on.

THE CONGREGATIONAL COLLEGE OF BRITISH NORTH AMERICA, *Montreal.*

THE PRESBYTERIAN COLLEGE OF MONTREAL, in connection with the Canada Presbyterian Church.

THE DIOCESAN COLLEGE OF MONTREAL.

THE WESLEYAN COLLEGE OF MONTREAL.

## IV. AFFILIATED SCHOOLS.

THE MCGILL NORMAL SCHOOL provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas.

THE MODEL SCHOOLS OF THE MCGILL NORMAL SCHOOL are Elementary Schools, divided into a Boys' Department, Girls' Department, and Primary School.

COLLEGIATE INSTITUTES, ACADEMIES, and HIGH SCHOOLS may be affiliated in so far as regards Matriculation in Arts and Applied Science, under the University regulations. The following are at present so recognized:—

Prince of Wales College, Charlottetown, P.E.I.; the Collegiate Institute, Hamilton, Ont.; the Canadian Literary Institute, Woodstock, Ont.; the High School, Montreal; the Bishop's College School, Lennoxville; the Girls' High School, Montreal; The Lachute Academy; the Dunham Academy; the Knowlton Academy; The Waterloo Academy.

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# CALENDAR, 1884-85.

## JULY 1884

| | |
|---|---|
| 1 Tuesday | |
| 2 Wednesday | |
| 3 Thursday | |
| 4 Friday | |
| 5 Saturday | Summer Session ends. |
| 6 SUNDAY | Fourth Sunday after Trinity. |
| 7 Monday | |
| 8 Thuesday | |
| 9 Wednesday | |
| 10 Tursday | |
| 11 Friday | |
| 12 Saturday | |
| 13 SUNDAY | Fifth Sunday after Trinity. |
| 14 Monday | |
| 15 Tuesday | |
| 16 Wednesday | |
| 17 Thursday | |
| 18 Friday | Dr. Wm. Robertson died, 1884 |
| 19 Saturday | |
| 20 SUNDAY | Sixth Sunday after Trinity. |
| 21 Monday | |
| 22 Tuesday | |
| 23 Wednesday | |
| 24 Thursday | |
| 25 Friday | |
| 26 Saturday | |
| 27 SUNDAY | Seventh Sunday after Trinity. |
| 28 Monday | |
| 29 Tuesday | |
| 30 Wednesday | |
| 31 Thursday | |

## SEPTEMBER, 1884

| | |
|---|---|
| 1 Monday | |
| 2 Tuesday | |
| 3 Wednesday | |
| 4 Thursday | |
| 5 Friday | |
| 6 Saturday | |
| 7 SUNDAY | Thirteenth Sunday after Tr'ty |
| 8 Monday | |
| 9 Tuesday | |
| 10 Wednesday | |
| 11 Thursday | |
| 12 Friday | |
| 13 Saturday | Candidates for matriculation of Provincial Medical Board to send fee ($10) to Dr. Belleau, Quebec. Candidates for the licence to send fee ($20) and credentials. |
| 14 SUNDAY | Fourteenth Sunday after Tr'ty |
| 15 Monday | |
| 16 Tuesday | |
| 17 Wednesday | |
| 18 Thursday | Matriculation Examination of C. P. & S. of Quebec (Provincial Board) at Quebec. |
| 19 Friday | |
| 20 Saturday | |
| 21 SUNDAY | Fifteenth Sunday after Tr'ty. |
| 22 Monday | |
| 23 Tuesday | |
| 24 Wednesday | College of Physicians and Surgeons of Province of Quebec meets at Quebec. |
| 25 Thursday | |
| 26 Friday | Matriculation Exam. begins, High Sc., Peel street. |
| 27 Saturday | Register opens. |
| 28 SUNDAY | Sixteenth Sunday after Tr'ty. |
| 29 Monday | |
| 30 Tuesday | |

## AUG[illegible] 84

| | |
|---|---|
| 1 Friday | |
| 2 Saturday | |
| 3 SUNDAY | Eighth Sunday after Trinity. |
| 4 Monday | |
| 5 Tuesday | |
| 6 Wednesday | |
| 7 Thursday | |
| 8 Friday | |
| 9 Saturday | |
| 10 SUNDAY | |
| 11 Monday | 8th International Medical Congress meets in Copenhagen. |
| 12 Tuesday | |
| 13 Wednesday | |
| 14 Thursday | |
| 15 Friday | |
| 16 Saturday | |
| 17 SUNDAY | Tenth Sunday after Trinity. |
| 18 Monday | |
| 19 Tuesday | |
| 20 Wednesday | |
| 21 Thursday | |
| 22 Friday | |
| 23 Saturday | |
| 24 SUNDAY | Eleventh Sunday after Trinity |
| 25 Monday | Canada Medical Association Meets in Montreal. |
| 26 Tuesday | |
| 27 Wednesday | British Association for Advancement of Science meet in Montreal. |
| 28 Thursday | |
| 29 Friday | |
| 30 Saturday | |
| 31 SUNDAY | Twelfth Sunday after Trinity |

## OCTO[illegible] 84

| | |
|---|---|
| 1 Wednesday | Session opens. Introductory lecture and conversazoine in Redpath Museum at 8 p.m. |
| 2 Thursday | |
| 3 Friday | |
| 4 Saturday | McGill Medical Society semi-annual meeting. |
| 5 SUNDAY | Seventeenth Sunday after Tr'ty |
| 6 Monday | |
| 7 Tuesday | |
| 8 Wednesday | |
| 9 Thursday | Prof. Holmes died 1860. |
| 10 Friday | |
| 11 Saturday | |
| 12 SUNDAY | Eighteenth Sunday after Tr'ty. |
| 13 Monday | |
| 14 Tuesday | |
| 15 Wednesday | |
| 16 Thursday | |
| 17 Friday | |
| 18 Saturday | |
| 19 SUNDAY | Nineteenth Sunday after Tr'ty |
| 20 Monday | |
| 21 Tuesday | |
| 22 Wednesday | |
| 23 Thursday | |
| 24 Friday | |
| 25 Saturday | |
| 26 SUNDAY | Twentieth Sunday after Tr'ty |
| 27 Monday | |
| 28 Tuesday | |
| 29 Wednesday | |
| 30 Thursday | |
| 31 Friday | All Hallows Eve |

## NOVEMBER, 1884.

| | |
|---|---|
| 1 Saturday | All Saints' Day. No Lectures. Lectures began in Montreal Medical Institution in 1824. |
| **2 SUNDAY** | Twenty-first Sunday after Tr'ty |
| 3 Monday | |
| 4 Tuesday | |
| 5 Wednesday | |
| 6 Thursday | Jas. McGill born 1744. Founder's Day. |
| 7 Friday | |
| 8 Saturday | |
| **7 SUNDAY** | Twenty-second Sunday after Trinity. First Lectures delivered in Medical Faculty, 1829. |
| 10 Monday | |
| 11 Tuesday | |
| 12 Wednesday | |
| 13 Thursday | |
| 14 Friday | |
| 15 Saturday | |
| **16 SUNDAY** | Twenty-third Sunday after Trinity. |
| 17 Monday | |
| 18 Tuesday | |
| 19 Wednesday | |
| 20 Thursday | |
| 21 Friday | |
| 22 Saturday | |
| **23 SUNDAY** | Twenty-fourth Sunday after Trinity. |
| 24 Monday | |
| 25 Tuesday | |
| 26 Wednesday | |
| 27 Thursday | |
| 28 Friday | |
| 29 Saturday | |
| **30 SUNDAY** | First Sunday in advent. |

## DECEMBER, 1884.

| | |
|---|---|
| 1 Monday | |
| 2 Tuesday | |
| 3 Wednesday | |
| 4 Thursday | |
| 5 Friday | |
| 6 Saturday | |
| **7 SUNDAY** | Second Sunday in Advent. |
| 8 Monday | |
| 9 Tuesday | |
| 10 Wednesday | |
| 11 Thursday | |
| 12 Friday | |
| 13 Saturday | Christmas Exam. in Botany. |
| **14 SUNDAY** | Third Sunday in Advent. |
| 15 Monday | |
| 16 Tuesday | |
| 17 Wednesday | |
| 18 Thursday | |
| 19 Friday | Class Examinations. Jan. 1 M. Gill died 1811. Lectures close for the term |
| 20 Saturday | |
| **21 SUNDAY** | Fourth Sunday in Advent. |
| 22 Monday | |
| 23 Tuesday | |
| 24 Wednesday | |
| 25 Thursday | Christmas |
| 26 Friday | |
| 27 Saturday | |
| **28 SUNDAY** | First Sunday after Christmas |
| 29 Monday | |
| 30 Tuesday | |
| 31 Wednesday | |

## JANUARY, 1885.

| | |
|---|---|
| 1 Thursday | |
| 2 Friday | |
| 3 Saturday | |
| **4 SUNDAY** | |
| 5 Monday | Lectures resumed in Medical Faculty. |
| 6 Tuesday | |
| 7 Wednesday | |
| 8 Thursday | |
| 9 Friday | |
| 10 Saturday | |
| **11 SUNDAY** | |
| 12 Monday | |
| 13 Tuesday | |
| 14 Wednesday | |
| 15 Thursday | |
| 16 Friday | |
| 17 Saturday | |
| **18 SUNDAY** | |
| 19 Monday | |
| 20 Tuesday | |
| 21 Wednesday | |
| 22 Thursday | |
| 23 Friday | Dr. Wm Caldwell died 1833. |
| 24 Saturday | |
| **25 SUNDAY** | |
| 26 Monday | |
| 27 Tuesday | |
| 28 Wednesday | |
| 29 Thursday | |
| 30 Friday | Charter granted to Montreal General Hospital 1823. |
| 31 Saturday | |

## FEBRUARY, 1885.

| | |
|---|---|
| 1 Sunday | |
| 2 Monday | |
| 3 Tuesday | |
| 4 Wednesday | |
| 5 Thursday | |
| 6 Friday | |
| 7 Saturday | |
| **8 SUNDAY** | |
| 9 Monday | Prof. Sutherland died 1875. |
| 10 Tuesday | |
| 11 Wednesday | |
| 12 Thursday | |
| 13 Friday | |
| 14 Saturday | |
| **15 SUNDAY** | |
| 16 Monday | |
| 17 Tuesday | |
| 18 Wednesday | |
| 19 Thursday | Assessors of C. P. & S. of the Province to be notified of examinations. |
| 20 Friday | |
| 21 Saturday | |
| **22 SUNDAY** | |
| 23 Monday | |
| 24 Tuesday | |
| 25 Wednesday | |
| 26 Thursday | |
| 27 Friday | |
| 28 Saturday | |

## MARCH, 188

| | |
|---|---|
| 1 SUNDAY | |
| 2 Monday | |
| 3 Tuesday | |
| 4 Wednesday | |
| 5 Thursday | |
| 6 Friday | |
| 7 Saturday | |
| 8 SUNDAY | |
| 9 Monday | |
| 10 Tuesday | Clinical Examination begins at Hospital. |
| 11 Wednesday | |
| 12 Thursday | |
| 13 Friday | Lectures close. |
| 14 Saturday | Botany Examination. |
| 15 SUNDAY | |
| 16 Monday | Histology. Physics. |
| 17 Tuesday | Physiology, 10 a.m.; Chemistry, 3 p.m. |
| 18 Wednesday | Materia Medica, 10 a.m.; Anatomy, 3 p.m. |
| 19 Thursday | |
| 20 Friday | |
| 21 Saturday | |
| 22 SUNDAY | |
| 23 Monday | |
| 24 Tuesday | |
| 25 Wednesday | |
| 26 Thursday | |
| 27 Friday | |
| 28 Saturday | |
| 29 SUNDAY | |
| 30 Monday | Convocation for conferring Degrees in Medicine, 3 p.m. |
| 31 Tuesday | Candidates for Ontario License to send certificates, &c., to Dr. Pyne, Bay St., Toronto |

## APRIL, 1885

| | |
|---|---|
| 1 Wednesday | |
| 2 Thursday | |
| 3 Friday | |
| 4 Saturday | |
| 5 SUNDAY | |
| 6 Monday | |
| 7 Tuesday | |
| 8 Wednesday | |
| 9 Thursday | |
| 10 Friday | |
| 11 Saturday | |
| 12 SUNDAY | |
| 13 Monday | Summer Session begins |
| 14 Tuesday | |
| 15 Wednesday | |
| 16 Thursday | |
| 17 Friday | |
| 18 Saturday | Annual Meeting McGill Medical Society. |
| 19 SUNDAY | |
| 20 Monday | |
| 21 Tuesday | |
| 22 Wednesday | |
| 23 Thursday | |
| 24 Friday | |
| 25 Saturday | |
| 26 SUNDAY | |
| 27 Monday | |
| 28 Tuesday | |
| 29 Wednesday | |
| 30 Thursday. | |

## MAY, 1885

| | |
|---|---|
| 1 Friday | |
| 2 Saturday | Candidates for Matriculation of Provincial Board to send fee, $20, to Dr. F. W. Campbell, Montreal. Candidates for License to send fee, $20, and credentials. |
| 3 SUNDAY | |
| 4 Monday | |
| 5 Tuesday | |
| 6 Wednesday | |
| 7 Thursday | Matriculation Examination of Quebec Medical Board at Montreal. |
| 8 Friday | |
| 9 Saturday | |
| 10 SUNDAY | |
| 11 Monday | |
| 12 Tuesday | |
| 13 Wednesday | Semi-annual Meeting of Quebec Med. Board, at Montreal. |
| 14 Thursday | |
| 15 Friday | |
| 16 Saturday | |
| 17 SUNDAY | |
| 18 Monday | |
| 19 Tuesday | |
| 20 Wednesday | |
| 21 Thursday | |
| 22 Friday | |
| 23 Saturday | |
| 24 SUNDAY | Professor Scott died 1883. |
| 25 Monday | |
| 26 Tuesday | |
| 27 Wednesday | |
| 28 Thursday | |
| 29 Friday | |
| 30 Saturday | Prof. G. W. Campbell died 188[illegible] |
| 31 SUNDAY | |

## JUNE, 188[illegible]

| | |
|---|---|
| 1 Monday | |
| 2 Tuesday | |
| 3 Wednesday | |
| 4 Thursday | |
| 5 Friday | |
| 6 Saturday | Corner-stone of Montreal General Hospital laid 1821. |
| 7 SUNDAY | |
| 8 Monday | |
| 9 Tuesday | |
| 10 Wednesday | |
| 11 Thursday | |
| 12 Friday | |
| 13 Saturday | |
| 14 SUNDAY | |
| 15 Monday | |
| 16 Tuesday | |
| 17 Wednesday | |
| 18 Thursday | |
| 19 Friday | |
| 20 Saturday | |
| 21 SUNDAY | |
| 22 Monday | |
| 23 Tuesday | |
| 24 Wednesday | |
| 25 Thursday | |
| 26 Friday | |
| 27 Saturday | |
| 28 SUNDAY | |
| 29 Monday | Montreal Medical Institution became Med. Faculty 18[illegible]. |
| 30 Tuesday | |

# Governing Body of the University.

## VISITOR:

HIS EXCELLENCY THE RIGHT HON. THE MARQUIS OF LANSDOWNE, G.C.M.G.,

GOVERNOR GENERAL OF CANADA, &C.

## GOVERNORS:

[*Being the Members of the Royal Institution for the advancement of learning.*]

THE HON. JAMES FERRIER, SENATOR, M.L.C.
PETER REDPATH, ESQ.
JOHN H. R. MOLSON, ESQ.
THE HON. FREDERICK W. TORRANCE, M.A., B.C.L.
THE HON. SIR ALEXANDER T. GALT, K.C.M.G.
THE HON. SIR FRANCIS HINCKS, K.C.M.G., C.B.
JOHN MOLSON, ESQ.
JOSEPH HICKSON, ESQ.
THE HON. ROBERT MACKAY.
THE HON. JOHN J. C. ABBOTT, D.C.L., Q.C.
ROBERT A. RAMSAY, M.A., B.C.L.
WILLIAM C. McDONALD, ESQ.
HUGH McLENNAN, ESQ.
GEORGE HAGUE, ESQ.

The Board of Governors has, under the Royal Charter, the power to frame Statutes, to make Appointments, and to administer the Finances of the University.)

## PRINCIPAL:—

JOHN W. DAWSON, M.A., LL.D., F.R.S., C.M.G., *Vice-Chancellor.*

(The Principal has, under the Statutes, the general superintendence of all affairs of the College and University, under such regulations as may be in force.)

## FELLOWS:—

VEN. ARCHDEACON LEACH, M.A., D.C.L., LL.D., Vice-Principal and Dean of the Faculty of Arts.
HENRY ASPINWALL, HOWE, LL.D., Governors' Fellow.

Rev. JOHN COOK, D.D., Principal of Morrin College, Quebec.
ALEXANDER JOHNSON, M.A., LL.D., Vice-Dean of the Faculty of Arts, Governors' Fellow.
Rev. GEORGE CORNISH, M.A., LL.D., Elective Fellow, Faculty of Arts.
Rev. HENRY WILKES, M.A., D.D., LL.D., Professor of Theology, Congregational College of British North America.
Rev. D. H. MACVICAR, LL.D., Principal of the Presbyterian College of Montreal.
J. J. McLAREN, M.A., B.C.L., Representative Fellow in Law.
JOHN REDPATH DOUGALL, M.A., Representative Fellow in Arts.
WILLIAM H. KERR, Q.C., D.C.L., Dean of the Faculty of Law.
Rev. J. CLARK MURRAY, LL.D., Elective Fellow, Faculty of Arts.
HENRY T. BOVEY, M.A., C.E., Dean of the Faculty of Applied Science.
BERNARD J. HARRINGTON, B.A., Ph.D., Elective Fellow, Fac. App. Science.
Rev. E. J. REXFORD, B.A., Governors' Fellow.
ROBERT BELL, B.A. Sc., M.D., Representative Fellow in App. Science.
Rev. JOHN JENKINS, D.D., LL.D., Governors' Fellow.
Rev. CANON HENDERSON, M.A., Principal of the Montreal Diocesan Theological College.
Rev. GEORGE DOUGLAS, LL.D., Principal of the Montreal Wesleyan Theological College.
WILLIAM OSLER, M.D., Representative Fellow in Medicine.
CLEMENT H. McLEOD, Ma.E., Representative Fellow in Applied Science
J. S. ARCHIBALD, M.A., B.C.L., Elective Fellow, Faculty of Law.
GEORGE ROSS, M.A., M.D., Elective Fellow, Faculty of Medicine.
FRANCIS J. SHEPHERD, M.D., Representative Fellow in Medicine.
JOHN S. HALL, B.A., B.C.L., Representative Fellow in Law.
Rev. R. W. NORMAN, M.A., D.C.L., Chairman of Protestant Board of School Commissioners.
R. P. HOWARD, M.D., Dean of Faculty of Medicine.
S. P. ROBINS, M.A., LL.D., Principal of McGill Normal School.
S. F. PASSMORE, B.A., Principal of St. Francis College.
FREDERICK W. KELLY, B.A., Ph.D., Representative Fellow in Arts.

(The Governors, Principal, and Fellows constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes, to frame regulations touching Courses of Study, Matriculation, Graduation and other Educational matters; and to grant Degrees.)

SECRETARY, REGISTRAR, AND BURSAR:—

[*And Secretary of the Royal Institution.*]

WILLIAM CRAIG BAYNES, B.A., Cambridge, Residence and Office, East Wing, McGill College; Office Hours, 10 to 2.
JAMES W. BRACKENRIDGE, B.C.L., Clerk.

# Faculty.

JOHN WILLIAM DAWSON, LL.D., F.R.S., Principal and Professor of Natural History.

R. PALMER HOWARD, M.D., Dean of the Faculty.

EMERITUS PROFESSORS.

WILLIAM WRIGHT, M.D., Materia Medica and Therapeutics, 84 *St. Famille Street.*

DUNCAN C. MCCALLUM, M.D., Midwifery and Diseases of Women, 45 *Union Avenue.*

ROBERT CRAIK, M.D., Chemistry, Treasurer of the Faculty. 2 *Catheart Street.*

JOSEPH MORLEY DRAKE, M.D., Institutes of Medicine, *Abbotsford, Que.*

PROFESSORS.

R. PALMER HOWARD, M.D., Professor of Medicine, 47 *Union Avenue.*

G. E. FENWICK, M.D., Professor of Surgery, 1401 *St. Catherine Street.*

G. P. GIRDWOOD, M.D., Professor of Chemistry, 28 *Beaver Hall Terrace.*

GEORGE ROSS, M.A., M.D., Professor of Clinical Medicine, 49 *Union Avenue.*

WILLIAM OSLER, M.D., Professor of the Institutes of Medicine and Registrar of the Faculty, 80 *Union Avenue.*

THOMAS G. RODDICK, M.D., Professor of Clinical Surgery, 80 *Union Avenue.*

WILLIAM GARDNER, M.D., Professor of Gynæcology, 109 *Union Avenue.*

FRANCIS J. SHEPHERD, M.D., Professor of Anatomy and Librarian of the Faculty, 85 *Mansfield Street.*

FRANK BULLER, M.D., Professor of Ophthalmology and Otology, 694 *Dorchester Street.*

ARTHUR A. BROWNE, B.A., M.D., Professor of Midwifery and Diseases of Infancy, 1353 *St. Catherine Street.*

JAMES STEWART, M.D., Professor of Materia Medica and Therapeutics.

GEORGE WILKINS, M.D., Professor of Medical Jurisprudence, 856 *Dorchester Street.*

D. P. PENHALLOW, B.Sc., Professor of Botany, 105 *Union Avenue.*

R. L. MACDONNELL, B.A., M.D., Demonstrator of Anatomy and Lecturer on Hygiene, 1433 *St. Catherine Street.*

WILLIAM R. SUTHERLAND, M.D., Assistant Demonstrator of Anatomy and Curator of the Museum, 745 *Dorchester Street.*

GEORGE W. MAJOR, B.A., M.D., Instructor in Laryngology, 1398 *St. Catherine Street.*

ALEX. D. BLACKADER, B.A., M.D., Instructor in Diseases of Children, 44 *Beaver Hall Terrace.*

T. WESLEY MILLS, M.A., M.D., Demonstrator of Practical Physiology and Histology, 561 *Dorchester Street.*

ROBT. J. B. HOWARD, B.A., M.D., Assistant Demonstrator of Anatomy, 47 *Union Avenue.*

# McGill University.—Faculty of Medicine.

## THIRD AND FOURTH YEAR, TIME TABLE, 1884-85.

| A.M. | Monday. | Tuesday | Wednesday. | Thursday. | Friday. | Saturday. |
|---|---|---|---|---|---|---|
| 9 | Medical Jurisprudence. | General Pathology. | Medical Jurisprudence. | | Medical Jurisprudence. | |
| 10 | Surgery, Examination. | Surgery. | Surgery. | Surgery. | Surgery. | Morbid Anatomy Demonstrated. |
| 11 | Midwifery. | Gynæcology. | Midwifery. | Gynæcology. | Midwifery. | |
| P.M. 1-2.30. | Medical Clinic, 4th Year. Surgical Clinic, 3rd Year. | Surgical Clinic, 4th Year. Medical Clinic, 3rd Year. | Medical Clinic, 4th Year. Surgical Clinic, 3rd Year. | Medical Clinic, 4th Year. Surgical Clinic, 3rd Year. | Medical Clinic, 4th Year. Surgical Clinic, 3rd Year. | Medical Clinic, 4th Year. Surgical Clinic, 3rd Year. |
| 2 | Materia Medica, 3rd Year. | | | | | |
| 2.30 | Clinical Gynæcology, at | University Dispensary, | 4th year students in groups | | | |
| 2.30 | Ophthalmic and Aural Cli | nic daily. | | | | |
| | Clinic on Diseases of the | Skin. University Dispen | sary, Monday and Friday. | | | |
| | Clinic on Diseases of Chil | dren. University Dispen | sary, Tuesday and Satur | day. | | |
| 4 | Medicine Examination. | Medicine. | Medicine. | Medicine. | Medicine. | |
| 5 | Ophthalmic and Aural Surgery Lecture. | | | | | |

Autopsies are performed at the General Hospital between 12 and 2 p.m.

# McGill University—Faculty of Medicine.

## FIRST AND SECOND YEAR, TIME TABLE, 1883-84.

| A.M. | Monday. | Tuesday. | Wednesday. | Thursday. | Friday. | Saturday. |
|---|---|---|---|---|---|---|
| 9 | Anatomy, Examination. | Anatomy. | Anatomy. | Anatomy. | Anatomy. | Hygiene, 2nd or 3rd Year. |
| 10 | Practical Chemistry, 2nd Year, till 12 o'clock. | Botany, 1st Year. | Practical Chemistry, 2nd Year. | Botany, 1st Year. | Practical Chemistry, 2nd Year. | Botany Demonstration. |
| 11 | Out-Patients, Montreal General Hospital. | Out-Patients, Montreal General Hospital. | Out-Patients, Montreal Gen'l Hospital. | Out-Patients, Montreal Gen'l Hospital. | Out-Patients, Montreal Gen'l Hospital. | Out-Patients, Montreal Gen'l Hospital. |
| P.M. 2 | Materia Medica, for 2nd Year only. | Materia Medica, 2nd Year only. | Materia Medica, 2nd Year only. | Materia Medica, 2nd Year only. | Materia Medica Examination. | Practical Physiology, 2nd Year. |
| 3 | Physiology Examination. | Physiology. | Physiology. | Physiology. | Histology, 1st Year. Lecture. | |
| 4 | Practical Histology. | Practical Histology. | Practical Histology. | Practical Histology. | Histology Demonstrations. | |
| 5 | Chemistry. | Chemistry. | Chemistry. | Chemistry. | Chemistry Examination. | |
| 8 to 10 | Practical Anatomy. | Practical Anatomy. | Practical Anatomy | Practical Anatomy. | Practical Anatomy. | |

N.B.—The Demonstrator's Hours in the Dissecting Room are from 10-12 a.m. and from 8-10 p.m.

* The First and Second Year Students are urged to attend the Out-Patients Practice whenever possible.

*The complete Calendar of the University, containing the Announcements of the Faculties of Law, Arts and Applied Science, Lists of Graduates, &c., can be had on application to the Secretary of the University.*

# Faculty of Medicine.

THE PRINCIPAL (ex-officio).

| Professors :— | Professors :— |
|---|---|
| WRIGHT, | RODDICK, |
| HOWARD, | OSLER, |
| MCCALLUM, | GARDNER, |
| CRAIK, | SHEPHERD, |
| FENWICK, | BULLER, |
| DRAKE, | BROWNE, |
| GIRDWOOD, | STEWART, |
| ROSS, | WILKINS, |

Dean.—R. P. HOWARD, M.D.

Registrar.—W. OSLER, M.D.

Demonstrator of Anatomy.—R. L. MACDONNELL, B.A., M.D.

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The fifty-second session of the Faculty will be opened on Wednesday, October 1st, 1884, by an introductory lecture at 8 p.m. The regular lectures will begin on October 2nd, at the hours specified in the time table, and will be continued for six months.

The Medical School of McGill University was founded in 1824 as the Medical Institution by John Stephenson, Andrew F. Holmes, William Robertson and William Caldwell. In 1829 the Medical Institution beame the Medical Faculty of McGill College. There were no sessions during the political troubles from 1836 to 1839, and it is owing to this gap that the present is the 52nd session of the Faculty. In reality this is the 56th session of the school, which is the direct continuation of the Medical Institution.

The Medical College, a large and substantial building situated within the University Grounds, contains two spacious class-rooms, Students' waiting-room, Library, Museum, Laboratories, together with a large and well-furnished Dissecting-room.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and Licensing Bodies of Great Britain and Ireland, and the College of Physicians. and Surgeons of Ontario. The degree in Medicine of this University carries with it at the Licensing Boards of Great Britain the same exemptions in certain subjects as are granted to all colonial degrees

To meet the circumstances of the General Practitioners in British North America. where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery," in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec.

It affords the Faculty great satisfaction to be able to announce that their efforts to secure an endowment have been successful. As the lists on a previous page show, over $50.000 have been subscribed to the Campbell Memorial Fund ; and the Hon. Donald A. Smith on August 1st, 1883, redeemed his promise by handing over to the Governors for the use of the Faculty $50,000, to be known as the "Leanchoil Endowment."

The Faculty take this opportunity of publicly expressing their sincere thanks to the Hon. D. A. Smith and to the many friends who subscribed to the Campbell Memorial Fund. It is extremely gratifying to them to feel that the memory of their late Dean should have received these lasting tributes from his fellow-citizens,and that his name should be thus permanently associated with the school he loved, and, by the gift of Mr. Geo. Stephen, with the Hospital he so long served.

## I.

## MATRICULATION.

It is very important that intending Students should bear in mind the following: (1) *That if natives of Ontario, and if they wish to obtain the license of that Province, they must conform to the regulations regarding the Preliminary Examination, and register before begining their Medical Studies.* (2) *If natives of the Province of Quebec, they must pass the Matriculation Examination of the Quebec Medical Board.*

(3) *Natives of the Maritime Provinces and of Manitoba, may present themselves before the Local Medical Boards for the Preliminary Examination. Where the Examination and Standard are equivalent to those of the University, a certificate (bearing the standing of the candidate in the various subjects) will be accepted, and the student may register without further examination or fee.*

*Graduates in Arts are exempt from the Matriculation.*

13

*University Matriculation Examination.*

This examination is the same as that recommended by the Medical Council of Great Britain. Examinations in conformity therewith will be held the last Friday and Saturday in March and the last Friday and Saturday in September of each year. Applications may be made to the Registrar of the Faculty till the evening of the previous day. The requirements of the standard for Matriculation are :—(1) English Language, including Grammar and Composition.* (2) English History. (3) Modern Geography. (4) Latin, including Translation from the original and Grammar. (5) Elements of Mathematics, comprising (*a*) Arithmetic, including Vulgar and Decimal Fractions; (*b*) Algebra, including simple Equations: (*c*) Geometry, including the first two books of Euclid or the subjects thereof. (6) Elementary Mechanics of Solids and Fluids, comprising the elements of Statics, Dynamics and Hydrostatics. (7) One of the following optional subjects ;—(*a*) Greek, (*b*) French, (*c*) German, (*d*) Italian, (*e*) any other modern language, (*f*) Logic, (*g*) Botany (*h*) Elementary Chemistry.

TEXT-BOOKS.—Latin,—Cicero, Orations 1 and 2 against Cataline; or Virgil, Æneid, Bk. I.

GREEK.—Xenophon, Anabasis, Bk. I., or equivalent.

* The ability of the candidate will be fully tested in the following :—" (1) To write sentences in English on a given theme, attention being paid to spelling and punctuation as well as to composition ; (2) to write correctly from dictation ; (3) to explain the grammatical construction of sentences ; (4) to point out the grammatical errors in sentences ungrammatically composed, and to explain their nature ; and (5) to give the derivation and definition of English words in common use."

FRENCH.—Charles XII., Two Books.

NATURAL PHILOSOPHY.—Ganot's Physics.

BOTANY.

ELEMENTARY CHEMISTRY.

(*b*) *Matriculation Examination of College of Physicians and Surgeons of the Province of Quebec.*

The subjects of examination are as follows:—

Compulsory Subjects:—English, French, Latin, Arithmetic, Algebra, Euclid, History, Geography, Belles-Lettres.

Optional Subjects:—Candidates can select any one of the following:—Greek, Natural and Moral Philosophy.

The Examinations will be held upon the 18th of September, 1884, at Quebec, and on the 7th of May, 1885, at Montreal. Applications to be made to Dr. F. W. Campbell, Montreal, or Dr. Belleau, Quebec, either of whom will furnish schedule giving text books and percentage of marks to be obtained.

Examination Fee, ten dollars. Should the candidate be unsuccessful, one half of the fee will be returned.

Of the four years study *after* having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College, or Incorporated School of Medicine, recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the 4th year.

(*c*) *Matriculation Examination of the College of Physicians and Surgeons of the Province of Ontario.*

The official certificate of having passed the High School Intermediate Examination with Latin included and payment of fees of twenty dollars.

Graduates in Arts, or Students having Matriculated in Arts in any University in Her Majesty's Dominions are not required to pass this Examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications, and upon paying the fee of Twenty Dollars.

II.

## ENREGISTRATION AND PAYMENT OF FEES.

The following are the University Regulations :

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty, and procure from the Registrar a ticket of Enregistration, for which each Student shall pay a fee of $5 ; excepting in the Clinical Classes, in which Enregistration for Students of other Schools shall not be compulsory.

The said Register shall be closed on the last day of October in each year. The fees are payable to, and all class tickets will be issued by, the Registrar, and must be paid in advance (except under special circumstances) at the time of enregistration.

Enregistration in the Summer Session is compulsory upon all Students, whether attending one or more of the Classes.

III.

## COURSES OF LECTURES.

**1 Anatomy.**—(Prof. Shepherd.)—Anatomy will be taught in the most practical manner possible, and its relation to Medicine and Surgery will be fully dwelt on. The lectures will be illustrated by the fresh subject, moist and dry preparations, sections, models and plates and drawings on the black-board.

**2. Practical Anatomy.**—[Drs. MacDonnell, Sutherland and R. J. B. Howard.]—Special attention is devoted to this important branch, the teaching being similar to that of the best European schools. The Dissecting-Room is open from 8 a.m. to 10 p.m. ; the Demonstrators' hours are from 10 to 12 a.m., and 8 to 10 p.m. Special Demonstrations on the Brain, Thorax, Abdomen, Bones, etc., are frequently given. Every Student must be examined *at least* three times on each part dissected, and if the examinations are satisfactory a certificate is given. Prizes are awarded at the end of the Session for the best examination on the fresh subject. Abundance of material provided.

**3. Chemistry.**—[Prof. Girdwood.]—InorganicChemistry is fully treated ; a large portion of the course is devoted to Organic Chemistry and its relations to Physiology. The branches of Physics bearing upon or connected with Chemistry also engage the attention of the Class. For experimental illustration, abundant apparatus is possessed by the Professor, among which may be enumerated, a powerful Air-Pump—Oxy-Hydrogen Microscope—Polariscope—extensive series of Models of Crystals, Electrical and Galvanic apparatus, Steam Engine, &c., &c.

**4 Practical Chemistry.**—[Prof. Girdwood.]—Thorough instruction is given in the different departments of Practical Chemistry in the Laboratory of the Faculty, under the personal supervision of the Professor. The course includes blow-pipe manipulations, qualitative and quantitative analysis, toxicological investigations, &c., &c. This class may be taken in the Summer Session.

**5 Institutes of Medicine.**—[Prof. Osler and Dr. Mills.]—Embraced in this course are the following classes :—

(*a*) **Physiology**, comprising :

1) A full course of didactic lectures upon the structure and functions of the various organs of the body in health. The lectures are illustrated by fresh preparations, diagrams, plates and models, and by experiments with apparatus.

(2) Practical Physiology :—In addition to the demonstrations in the Lecture-room, the senior members of the class have an opportunity of attending the following : (*a*) Physiological chemistry (weekly until Christmas), in which class each student works over the essentials of the chemistry of digestion, the secretions and the urine. (*b*) A special demonstration course in Experimental Physiology (weekly, after Christmas) with the use of apparatus.

(3) Histology.—1st. Normal. A bi-weekly course of lessons throughout the session. Microscopes, re agents and material provided. It comprises thorough instruction in the use of the Microscope and the preparation of the tissues, each Student preparing for himself during the course a cabinet of 100 or more specimens. 2nd. Pathological, including the Microscope in relation to Practical medicine. Bi-weekly in the Summer Session.

(*b*) **Pathology**, comprising.

(1) Twenty lectures on General Pathology to the students of the 3rd year.

(2) Pathological Demonstrations—weekly—Saturday, 10 a.m. This course is based upon, and conducted, as far as possible, in the same way as that of Prof. Virchow, at the Berlin Pathological Institute. Specimens of all kinds are collected throughout the week, kept until Saturday, and then brought before the class, when practical comments are made upon them.

(3) Instruction in Post-Mortems—The Autopsy Room of the General Hospital is in charge of the Professor, and the post-mortems are performed by the Students in rotation, under his supervision. System and thoroughness in inspection are insisted upon, the method followed being that of Virchow. As far as possible, attention is drawn to the Medical Anatomy of the thoracic and abdominal organs. In connection with this class, aided by the Professor of Medical Jurisprudence, two Coroners' Inquests will be conducted during the Session before the class, and the Medico-legal aspects of post-mortems dwelt upon.

**Materia Medica and Therapeutics.**—[Prof. Stewart.]—The course on this subject deals for the most part with the pharmacology and therapeutics of the

different medicinal agents. A good deal of attention will be given to the "untoward effects" of drugs, and when possible these effects will be illustrated by the exhibition of living specimens.

The leading officinal agents of the British Pharmacopœia will be fully considered, as will also those drugs of recent introduction into practice which have been found useful, but have not, as yet, found their way into the Pharmacopœia. The following groups of medicinal agents will, on account of their great importance, receive special attention :—(1) Cardiac Tonics, (2) Cardiac Depressants, (3) Motor Stimulants, (4) Motor Depressants, (5) Anæsthetics, (6) Analgesics, (7) Mydriatics, (8) Alteratives, (9) Hæmatinics, (10) Astringents, (11) Purgatives, (12) Digestants, (13) Nutritives, (14) Antiseptics, (15) Antipyretics.

**7 Theory and Practice of Medicine.**—[Prof. Howard.]—While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, the department of General Pathology in this University being included in the Institutes of Medicine, no opportunity is lost of illustrating and explaining the *general* laws of disease. With the exception of certain affections seldom or never observed in this country, all the important diseases of the body, not described from the chairs of Surgery and Obstetrics, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Demonstrator of Morbid Anatomy.

The College possesses an extensive series of Anatomical plates illustrative of the histological and anatomical appearances of disease, and the wards of the General Hospital afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes, and to give the results of treatment.

**8 Clinical Medicine.**—[Prof. Ross.]—Attendance is given in the Medical Wards of the Montreal General Hospital on three days of every week with the 3rd year students and three days with the 4th year men. Accurate reports of all cases are kept by duly appointed clinical clerks, and are systematically read before the class. Instruction is given by the bedside, and special inducements are offered to every pupil to take part in the physical examination of patients. The mode of conducting investigations, the use of the microscope, the value of the thermometer and ophthalmoscope, etc., in Medical Diagnosis, are all explained and illustrated. Senior Students are called upon in rotation to examine new cases before the class, and to be examined thereon as to their general knowledge. In addition, one weekly Clinical Lecture is delivered, bearing upon some case or cases of importance which may happen to be under observation at the time. Special attention is directed to Medical Anatomy, and candidates for the degree will be examined thereon.

**9 Surgery.**—[Prof. Fenwick.]—The lectures on this subject are divided into, 1st. Surgical Pathology, illustrated by a large collection of preparations from the College Museum, also specimens as they are obtained from cases under observation at the Hospital, and contributed to that collection by the Hospital pathologist and from private sources. The second part of the course is devoted to the practice of

Surgery, in which attention is drawn to cases which have been observed by the class during the previous summer session. The various surgical apparatus are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery forms a special department of this course, and Quain's and Maclise's plates are used in illustration.

**10 Clinical Surgery.**—[Prof. Roddick.]—This course is eminently practical, consisting of bedside instruction and lectures delivered weekly, illustrative of Surgical cases actually present in the wards of the General Hospital. The class is separated into junior and senior divisions which are taken charge of by the Teacher on alternate days, when the reports of the Clinical clerks are read and criticized, and fresh cases are examined by the senior Students. The Surgical dressings are, as much as possible, reserved for these occasions, so as to give all present an opportunity of participating in the application of splints to fractures, dressing of wounds, minor operations, etc. Major operations are performed in the theatre attached to the Hospital, which is so constructed that the most distant can obtain a fair view of the operation. All of the recently invented appliances for the treatment of Surgical disease have been introduced into the Hospital.

**11 Midwifery.**—[Prof. Browne].—This course will embrace (1) Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, &c. (2) Bedside instruction in the Lying-in-Hospital, including the management and after-treatment of cases ; (3) A complete course on obstetric operations with the phantom and preserved fœtuses, in which each final student will perform the various manipulations and operations (4) The Diseases of Infancy.

**12 Gynæcology.**—[Prof. Gardner.]—The course on this subject will comprise two lectures a week throughout the session. The anatomy and physiology of the parts concerned will be first discussed. Then the various methods of examination will be fully described, the necessary instruments exhibited and their uses explained. After this the diseases peculiar to the sex will be considered as fully as time will permit in the following order :—Disorders of Menstruation ; Leucorrhœa, its causes and treatment ; Pelvic Cellulitis and Peritonitis ; Lacerations of the Cervix Uteri and Perineum ; Urinary and Fæcal Fistulæ ; Inflammations of the Uterus ; Displacements of the Uterus ; Tumours of the Uterus ; Diseases of the Ovaries.

The lectures will be illustrated as fully as possible by drawings and morbid specimens. The gynæcological clinic of the University Dispensary furnishes the Professor with ample material to illustrate the subjects considered in the didactic lectures.

**13 Medical Jurisprudence.**—[Prof. Wilkins.]—This course includes *Insanity*, the subject being treated of in its Medical as well as Medico-legal aspects. Special attention is devoted to the subject of blood stains, the Clinical, Microscopic and Spectroscopical tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shown by Zeiss' Micro-

spectroscope, so well adapted for showing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described with reference to symptoms, post-mortem appearances, and chemical tests. The post mortem appearances are illustrated by plates, and the tests are shown to the Class.

**14 Hygiene and Public Health.**—[Dr. MacDonnell.]—A three months' course of Lectures will be delivered on this subject, the attendance upon which is now compulsory. The course comprises lectures on Drinking water and Public water supplies; conditions of Soil and Water as affecting health, including Drainage and the various methods for the removal of Excreta; the Atmosphere, including Heating and Ventilation; Individual Hygiene, comprising the subjects of Food and Drink; Physical Exercise and Bathing; discussion of the respective merits of the various forms of each, precautions, contra-indications, etc. Village Sanitary Associations; Mutual Protective Sanitary Associations for cities.

**15 Ophthalmology and Otology.**—[Dr. Buller.]—Will include a course of lectures on diseases of the Eye and the Ear, both Didactic and Clinical. In the former the general principles of diagnosis and treatment will be dealt with; in the latter, cases illustrative of the typical forms of ordinary diseases of these organs will be exhibited and explained to the class, and afterwards placed under the special care of gentlemen who may show themselves competent to take charge of them. A Course of Operations on the Cadaver will be open to such Students as may wish to avail themselves of the same.

**16 Botany and Zoology.**—[Prof. Penhallow.]—The course in Botany is illustrated by specimens, diagrams, models, and the microscope. Students have access without any additional fee to the lectures in Zoology in the Faculty of Arts, and to the Natural History Museum of the University and the Museum of the Natural History Society of Montreal.

Students have an opportunity of attending a course of eight lectures on the Parasitic Diseases of Man and the Domestic Animals. (Prof. Osler.) The life, history and development of the Entozoa, together with the diseases caused by them, are fully considered. The lectures are illustrated by a series of beautiful diagrams, and by fresh and prepared specimens.

The following are extracts from the University Regulations with respect to the courses of Lectures:

1st. Each Professor shall deliver at least five Lectures during the week, except in Medical Jurisprudence and Botany, if extended through six months, in which case three Lectures a week will suffice.

2nd. Every Lecture shall be of one hour's duration.

3rd. Every Professor shall occasionally examine his class upon the subjects treated of in his preceding Lectures, and every such examination shall be considered a Lecture.

4th. A roll of the names of the Students attending each class shall be called from time to time.

## IV.

## QUALIFICATIONS FOR THE DEGREE.

The following are extracts from the Regulations respecting the qualifications of Candidates for the Degree in Medicine :

No one entering after October first, 1884 will be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not have attended Lectures for a period of at least four six months' sessions and one three months' summer session* in this University, or some other University, College, or School of Medicine, approved of by this University.

2nd. Candidates for the Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz. :—

| | |
|---|---|
| *Anatomy.* | *Of which two Courses will be required of six months' duration.* |
| *Chemistry.* | |
| *Materia Medica and Pharmacy.* | |
| *Institutes of Medicine.* | |
| *Principles and Practice of Surgery.* | |
| *Midwifery and Diseases of Women and Children.* | |
| *Theory and Practice of Medicine.* | |
| *Practical Anatomy.* | |
| *Clinical Medicine.* | |
| *Clinical Surgery.* | |
| *Medical Jurisprudence.* | *Of which one Course of six month, or two Courses of three months will be required.* |
| *Practical Chemistry.* | *Of which one Course will be required of three months' duration.* |
| *Botany or Zoology.* | |
| *Hygiene.* | |

*And a Course of not less than twenty-five Demonstrations upon Microscopic Anatomy, Physiology, and Pathology.*

Provided, however, that Testimonials equivalent to, though not precisely the same, as those above stated may be presented and accepted.

3rd. The Candidate must give proof by ticket of having attended during eighteen months the practice of the Montreal General Hospital, or that of some other Hospital approved of by this University, and have compounded medicines for six months.

* To be taken after 3rd winter session.

4. He must also give proof by ticket of having attended for at least six months the practice of the University or other Lying-in-Hospital approved of by this University, and of having attended at least six cases of accouchement.

5. No one will be permitted to become a Candidate for examination who shall not have attended at least one Session of this University, and one full course of all the branches included in its curriculum.

6th. Courses of less length than the above will only be received for the time over which they have extended.

7th. Every Candidate for the Degree must, on or before the fifteenth of February, present to the Dean of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Dean of the Faculty the following Certificate:—

MONTREAL,——18—

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, or (if the case be otherwise), that I shall have attained the age of twenty-one years before the next graduation day, and that I am not (or shall not be at that time, under articles as a pupil or apprentice to any Physician, Surgeon, or Apothecary. (Signed), A.B.

8th. The trials to be undergone by the Candidate shall be such as are referred to under Section V.

9th. The following Oath or affirmation will be exacted from the Candidate before receiving his degree:

SPONSIO ACADEMICA.

In Facultate Medicinæ Universitatis.

Ego, A——B——, Doctoratus in Arte Medica, titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo;—me in omnibus grati animi officiis erga hanc Universitatem, ad extremum vitæ halitum, perseveraturum; tum porro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

10th. The Fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful candidate immediately after examination, together with a Registration fee of one dollar.

## V.

## EXAMINATIONS.

In each class a weekly examination is held to test the progress of the Student; and in addition two or three written examinations are given throughout the Session.

The examinations at the close of each Session are arranged as follows:

*1st Year—*

HISTOLOGY. BOTANY. CHEMICAL PHYSICS.—including.—Molecular Forces, Heat, Light, Electricity and Magnetism.

*2nd Year—Primary, Pass Examination.*

ANATOMY.
PRACTICAL ANATOMY.
PHYSIOLOGY.
CHEMISTRY.
PRACTICAL CHEMISTRY.

*3rd Year—*

MATERIA MEDICA.
MEDICAL JURISPRUDENCE WITH TOXICOLOGY.
HYGIENE.
GENERAL PATHOLOGY.

*4th Year—*

MEDICINE.
SURGERY.
MIDWIFERY.
CLINICAL MEDICINE.
CLINICAL SURGERY.

By means of the above arrangement a certain definite amount of work must be accomplished in each year, and an equitable division is made between the Primary and Final branches.

With regard to the Primary Examination at the end of the 2nd Year, it remains optional with the Student whether he passes in all the branches or leaves two for the 3rd Year. In any case, Chemistry and one other must be taken at the close of the 2nd Year.

## VI.

## MEDALS AND PRIZES.

1st. The Holmes Gold Medal, awarded to the Student of the graduating class who receives the highest aggregate number of marks for the best examinations, written and oral, in both Primary and Final Branches.

2nd. A prize in books awarded for the best examination, written and oral, in the Final Branches. The gold medalist is not permitted to compete for this prize.

3rd. A prize in books awarded for the best examination, written and oral, in the Primary Branches.

4th. The Sutherland Gold Medal, awarded for the best examination in Theoretical and Practical Chemistry, together with creditable examination in the Primary Branches.

A prize in books for the best examination in Practical Anatomy.

A prize of $25 for best collection of Plants.

Candidates must be Students in Botany of the previous Session, and the collections or duplicates of them must remain in the College Museum

## VII.

## FEES.

Distributed according to years, the class fees are as follows:

FIRST YEAR.

| | |
|---|---|
| Anatomy | $12 00 |
| Institutes of Medicine, Physiology and Pathology, including Demonstrations | 16 00 |
| Chemistry | 12 00 |
| Practical Anatomy | 12 00 |
| Botany | 5 00 |
| Dissecting Material | 5 00 |
| Enregistration | 5 00 |
| Total | $67 00 |

* May be taken at the end of Second Year.

## SECOND YEAR.

| | |
|---|---|
| The same, without Botany, but with Hygiene, $6, Practical Chemistry and Materia Medica $12 each—Total | $92 00 |

## THIRD YEAR.

| | |
|---|---|
| Medicine | $12 00 |
| Materia Medica | 12 00 |
| Clinical Medicine | 12 00 |
| Surgery | 12 00 |
| Clinical Surgery | 12 00 |
| Midwifery and Gynaecology | 12 00 |
| Med. Jurisprudence | 10 00 |
| ☞ Enregistration | 5 00 |
| Total | $87 00 |

## FOURTH YEAR.

| | |
|---|---|
| The same, with the omission of Jurisprudence, and Materia Medica-Total | $65 00 |

## HOSPITAL FEES.

| | |
|---|---|
| Montreal General Hospital, Perpetual Ticket | $20 00 |
| University Dispensary | Free |
| University Lying-in Hospital | 8 00 |
| | $28 00 |
| Graduation Fee | $30 00 |
| Matriculation Fee, payable only if the Student takes the University Matriculation | $5 00 |
| Total Collegiate and Hospital expenses, spread over four years, about | $370 |

First Year Students are advised to take out the Hospital ticket, and attend the out-door practice.

It is to be understood that a Student wishing to take any other class than those of his year can do so on payment of the class fee.

*Fees are payable in advance, to the Registrar, at the time of enregistration.*

## VIII.

### TEXT BOOKS.

*Prices current in Montreal*

Anatomy.—Gray, $6; Wilson, $4; Quain, (Eng. Ed.) $9.75.

Practical Anatomy.—Heath's Dissector, $4.50; Ellis' Dissector, $4.25; Holden's Dissector $5.00 and Landmarks $1.00.

Chemistry.—Fownes, $2.25; Miller $1.00; Roscoe, $1.20.

Practical Chemistry.—Odling, $1.75; Galloway, Fresenius $5.00

Materia Medica.—Therapeutics.—
Wood. $6.00. Scoresby Jackson, $3.75 and Whitla.

Institutes of Medicine.— *Physiology.*— Huxley's *Elementary Lessons* $1.35; with either Dalton (7th Edit. $5.00); Kirke, $4.25 or Foster (Am. Edit., $3.25). *Pathology.*—Virchow on Post-Mortems, $1.00; Green, $2.50.

Histology.—Osler, 75c.

Surgery.—Holmes' Surgery, (Eng. Ed.) $9.00; Erichsen, $3.50; Druitt, $4.00; Bryant, $6.50.

Practice of Medicine.—Flint, $5.50; Roberts, $5.00; Bristowe, $5.00; DaCosta, $6.00.

Medical Jurisprudence.—Taylor, $5.00; Guy and Ferrier, $3.75.

Midwifery.—Lusk, $5.00; Playfair, $4.00; or Leishman, $4.50.

Gynæcology.—Edis, $3.00; Goodell's Lessons, $4.00; Hart and Barbour's Manual $7.50.

Hygiene.—Parks, $5.50; Wilson, (Eng. Ed.) $3.25.

## IX.

### MUSEUM.

Most of the usual Pathological Specimens are collected here, obtained from Hospital and private practice. They are largely used in illustrating the lectures on Medicine and Surgery. There are also wax and papier-maché models.

In the past year the Museum has undergone a thorough revision, and a large number of specimens have been added. A printed catalogue is in course of preparation.

Graduates of the University are invited to contribute specimens.

The Curator will be in the Museum every Saturday at 11 a.m. to demonstrate and explain the preparations to any students who may care to attend.

## X.

## LIBRARY.

The Library of the Medical Faculty now comprises between eight and nine thousand volumes, the largest special library connected with any medical school on the continent.

The standard text-books and works of reference, together with complete files of the leading periodicals are on the shelves. Students may obtain books on making a deposit of $5.00, which is refunded on returning the volumes.

## XI.

## McGILL MEDICAL SOCIETY.

This Society, composed of enregistered Students of the Faculty, meets once a week during the Summer Session, and fortnightly during the Winter, for the reading of papers and the discussion of medical subjects. It is presided over by a physician chosen by the members.

A reading room has been established in connection with the Society, in which the leading English and American Medical Journals are on file.

## XII.

## COST OF LIVING, &c.

This will, of course, vary with the tastes and habits of the Student, but the necessary expenses need not exceed those in smaller towns.

Good Board may be obtained from $15 to $20 per month. A list of Boarding-houses is prepared annually by the Secretary of the University, and may be procured from the Janitor at the Medical College.

## XIII.

## HOSPITALS.

### MONTREAL GENERAL HOSPITAL.

The Montreal General Hospital is the most extensive clinical field in the Dominion. A much larger number of in-door and out-door patients receive treatment there than in any other Canadian Hospital. Last year's report shows that 2127 Medical and Surgical cases were treated in the wards, and the great proportion of these were acute cases, as may be gathered from the fact that the average duration of residence was only 23.6 days.

The large number of out-door patients that are treated in the Hospital—averaging from sixty to seventy daily—supply illustrations of most of the diseases of infants and children, of very many of the eye and skin, and of those chronic and ill-defined ailments which, as they do not require admission to the wards of a hospital, would not otherwise come under the observation of the Student.

The large number of patients affected with diseases of the eye and ear, now attending the out-door department, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every student will thus seek to gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye by Dr. Buller, after the out-door patients have been seen, and Students are invited to attend the same, and, as far as practicable, to keep such cases under observation so long as they remain in the Hospital.

The shipping contributes many examples of accidents and surgical cases.

Clinical Clerks to both medical and surgical wards are appointed every three months, and each one during his term of service

conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted him. The holding of one of these offices is found to be of the greatest possible advantage to Students, as affording a true *practical* training for his future professional life. They will be awarded on application at the end of each Session to final Students of that year, in order of their standing in the primary examination.

Dressers are also appointed to the Surgical wards and to the Out-door Department. For these appointments application is to be made to the Professor of Clinical Surgery, and to the Out-door attending Physicians and Surgeons.

The Operating Room (used also for a lecture room) is so constructed as to enable the Students to obtain a good view of the operations.

## MONTREAL DISPENSARY.

ST. ANTOINE STREET.

About 10,000 patients yearly are treated at this Institution. The cases are of great variety, comprising a large number of pulmonary affections and children's diseases. Minor operations are of daily occurrence, and excellent practice is afforded in the application of splints and bandages. The attending Physicians furnish Students with all possible facilities. The hours of attendance are from 12-2 daily.

## UNIVERSITY LYING-IN HOSPITAL.

This is under the direction of the Professor of Midwifery. Students who have already attended one course of his lectures are furnished with cases in rotation; they are advised to attend this Institution as much as possible duing the summer, when, since there are as many patients and not so many pupils as in winter, a larger proportion of cases falls to the share of each.

## UNIVERSITY DISPENSARY.

This Dispensary was established two years ago for special clinical instruction in Diseases of Women ; and special clinics have been established at the same place, for Diseases of Children, Diseases of the Skin, and for Diseases of the Nervous System.

*Diseases of Women.*—The difficulty of affording to Senior Students practical instruction in gynæcology is felt in most schools, as women will not present themselves for examination before a large class of men. The plan followed for the past five years with marked success has been the limitation of the number of Students to two or three, who, in rotation, assist at the examinations, and receive instruction in the diagnosis and treatment of uterine diseases and the use of gynæcological instruments. The attendance is on Tuesdays, Thursdays and Saturdays, 1-4 p m.

*Diseases of Children.*—The clinic is on Tuesdays, Thursdays and Saturdays at 11 a.m., when the patients are seen and instruction given on the cases.

*Diseases of the Skin.*—The Surgeon in charge will attend every Monday and Friday at 2 p.m. Arrangements will be made whereby a limited number of students can be present on each occasion.

*Diseases of the Nervous System.*—The Physician in charge will attend every Monday and Friday at 11 a.m. Students will have an opportunity in this clinic of seeing and examining many of those obscure and chronic diseases of the brain and spinal cord which are now attracting so much attention in the medical world.

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## XIV.

## STUDENTS' APPOINTMENTS.

Resident Medical Officers Montreal General Hospital, 3 annually, April 10.

Out-door Dressers.

Dressers in Eye and Ear Department.

Surgical Dressers (In-door).

Medical Clinical Clerks.

Post-mortem Clerks.

Clinical Clerk, Gynæcology.

" " Diseases of Children.

" " Dermatology.

" " Diseases of Nervous System.

Obstetrics.
Student Demonstrators of Anatomy, 4 3rd-year students.
Prosectors to Chair of Anatomy, 2.
Assistants in Practical Histology Course, 2.
Assistants in Practical Physiology Course, 4.
Assistants in Practical Chemistry, 2.

## XV.

### RULES FOR STUDENTS.

1. In the case of disorderly conduct, any Student may, at the discretion of the Professor, be required to leave the Class-room. Persistence in any offence against discipline after admonition by the Professor shall be reported to the Dean of Faculty. The Dean may, at his discretion, reprimand the Student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend from Classes.

2. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to the Faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session shall in each case be determined by the Faculty.

3. While in the College Students are expected to conduct themselves in the same orderly manner as in the Class-room.

4. When Students are brought before the Faculty under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honors, suspend from Classes, or report to the Corporation for expulsion.

## XVI.

### PAST SESSION.

The total number of students enregistered in this Faculty during the past year was 209, of whom there were, from—

| | | | |
|---|---|---|---|
| Ontario, | 110 | New Brunswick, | 22 |
| Quebec, | 50 | P. E. Island, | 5 |
| Nova Scotia, | 5 | Newfoundland, | 2 |
| Manitoba, | 1 | West Indies, | 3 |

United States, 11

The following gentlemen, 40 in number have passed their Primary Examination on the following subjects: Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Materia Medica and Pharmacy, Insttiutes of Medicine and Botany or Zoology. Their names and residences are as follows:

Armitage, Joseph H.....Newmarket, O.
Birkett, Herbert S.....Hamilton, O.
Cameron, Duncan A.....Strathroy, O.
Corsan, Douglas.....Woodstock, O.
Clark, J. L.....Waterloo, Q.
Craig, Murdock A.....Glen Water, O.
Crocket, W. C., B.A.....Fredericton, N.B.
Doherty, W. W.....Kingston, N. B.
Duffett, John L.....Leeds, Q.
Elder, John, B.A.....Huntingdon, Q.
Gairdner, Thos., M.....Bayfield, O.
Gibson, James B.....Cowansville, Q.
Gladman, George J.....Lindsay, O.
Grant, J. H. Y.....Ottawa, O.
Gustin, Smith.....London, O.
Hughes, P. H.....Strathroy, O.
Kinloch, John A.....Montreal, Q.
McCollum, Ed. P.....Duart, O.
McCuaig, Wm. J.....Vankleek Hill, O.
McDonald, H. J.....Alexandria, O.
McGannon, Thos. G.....Prescott, O.
McMeekin, Jas. W.....St. Catherines, O.
McKay, J. M.....River John, N.S.
Palmer, Guy F.....Ottawa, O.
Platt, Alf. T.....Picton, O.
Powne, N. G.....Nashville, Ten.
Pringle, W. P.....Cornwall, O.
Raymond, G. H., B.A.....Springfield, N.B.
Raymond, Alf.....Moulinette, O.
Robertson, F. D.....Lennoxville, Q.
Rowat, W. M. L.....Manotic, O.
Schmidt, A. J.....Farihault, Minn.
Seery, F. J.....Fredericton, N.B.
Smith, W. A.....Montreal, Q.
Turnbull, A. Russell.....Russell, O.
White, W. W., B.A.....St. John, N.B.

White, F. J. ..... Greens Pond, Nfld.
Wilson, Chas. ..... Cumberland, O.
Wishart, D. J., B.A. ..... Madoc, O.
Worthington A Norreys. ..... Sherbrooke, Q.

The following gentlemen, 34 in number, have fulfilled all the requirements to entitle them to the degree of M.D., C.M. from the University. In addition to the Primary subjects as mentioned above, they have passed a satisfactory examination, both written and oral, on the following subjects; in addition to those included in the above mentioned "Primary Examination": Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics and Diseases of Women and Children, Medical Jurisprudence and Hygiene,—and also Clinical Examinations in Medicine and Surgery conducted at the bedside in the Hospital:

Addison, Jas. L. ..... West Flamboro, O.
Barrett, Jos. A. ..... Fenagh Vale. O.
Clarke, Henry J. ..... Pembina, Dacotah.
Church, John R. ..... Aylmer, Q.
Cook, Sheldon E. ..... Aultsville, O.
Davies, Thos. B. ..... New Edinburgh, O.
Duncan, John A. ..... Duncanville, O.
Elderkin, Edwin, J. ..... Apple River, N.S.
Ferguson, W. A., B.A. ..... Richibucto, N.B.
Gooding, Chas. E. ..... Barbadoes, W. I.
Graham, Geo. A. ..... Hamilton, O.
Hutchison, Jas. A. ..... Goderich, O.
Johnson, C. H. ..... Almonte, O.
Johnston, Wyatt G. ..... Sherbrooke, Q.
Kelly, Patrick N. ..... Rochester, Minn.
Landor, Thos. H. ..... London, O.
McLellan, Jas. H. ..... Summerside, P.E.I.
McInerney, Jas. P. ..... Kingston, N.B.
McClure, Wm. B.A. ..... Lachute, Q.
McLean, G. N., B.A. ..... Pictou, N.S.
Meahan, John C. ..... Bathurst, N.B.
Merritt, David P., B.A. ..... Ottawa, O.
Nelson, W. M. F. ..... Montreal, Q.
O'Brien, Timothy. ..... Brudenell, O.
Porteous, Wm. ..... Pembroke, O.
Renner, W. Scott. ..... Jordan Station, O.

Ross, L. D..... Montreal, Q.
Rowell, Geo. B..... Abbottsford, Q.
Ruttan, Robt. F., B.A..... Napanee, O.
Smith, E. H..... Prescott, O.
Smith, W. A., De W..... Montreal, Q.
Smyth, H. E..... Worcester, Mass.
Walker, Felix D..... Launching, P.E.I.
Wilson, Samuel F., M.A..... Millstream, N.B.

Messrs. Hutchison and E. H. Smith are under age and await their majority before receiving the degree. Messrs. W. Johnston, Church and McClure, natives of the Province, await the completion of four years from the date of matriculation before receiving the degree.

The following have passed in Anatomy and Practical Anatomy :

| | | |
|---|---|---|
| Grey, J. E. | Morgan, V. H. | Schmidt, A. F. |
| Orton, F. H. | Williams, J. F. | |

Practical Anatomy :

| | |
|---|---|
| Carter, L. H. | Cattanach, Walter C. |

The following have passed in Chemistry :

| | | |
|---|---|---|
| Boone, S. W. | Grant, A. | Poole, Alf. |
| Cameron, K. | Haythorne, T. J. | Ross, L. F., |
| De Cow, Douglas McG. | McMillan, A. D. | Stewart, W. G. |
| Earl, E. H. | Owens, J. G. | Stephen, G. C. |
| Graham, J. | Pomeroy, L. G. M. | Wilkins, H. P. |

Practical Chemistry :

| | | |
|---|---|---|
| Blackader, E. H. P. | Gardner, G. C. | Orton, T. H. |
| Boone, S. W. | Gray, J. E. | Pomeroy, L. E. M. |
| Brown, W. D. | Kennedy, R. A. | Poole, Alf. |
| Cunningham | Kirkpatrick, R. C. | Ross, L. F. |
| De Cow, Douglas McG. | McKay, Eng. | Schmidt, Aug. F. |
| Flagg, J. D. | Morgan, V. H. | Stephen, G. C. |
| | Wilkins, H. P. | |

The following have passed in Materia Medica :

| | | |
|---|---|---|
| Carter, L. H. | Kirkpatrick R. C. | Poole, Alf. |
| De Cow, Douglas McG. | Morgan, V. H. | Ross, L. F. |
| Gray, J. E. | McKay, Eugene | Stephen, G. C. |
| Haythorne, T. J. | Owens, J. G. | Schmidt, A. F. |
| Kennedy, R. A. | Orton, F. H. | Wilkins, H. P. |
| | Williams, Jas. F. | |

The following have passed in Physiology :

Carter, L. H.
De Cow, Douglas McG.
Gray, J. A.
Johnstone, H. V.
Kennedy, R. A.
Kirkpatrick, R. A.
Kirkpatrick R. C.
Morgan, V. H.
MacKay, Eugene
McMillan, G. A.
Orton, F. H.
Poole, Alf.
Ross, L. F., B.A.
Schmidt, A. F.
Stephen, G. C.
Williams, Jas. F.

The following have passed in Medical Jurisprudence :

Allan, F. H. B.
Armitage, T. H.
Arthur, R. H.
Aylen, P.
Baird, T. A. D.
Barrett, J. A.
Burrows, F. N.
Carter, L. H.
Campbell, A. W.
Cassidy, G. A.
Cattanach, W. C.
Corsan, Douglas
Daly, W. G.
Darey, J. H., B.A.
Dazé, H.
Eberts, D. W.
Ferguson, W. A., B.A.
Finley, F. G.
Groves, Wesley
Gustin, Smith
Hallett, E. O.
Hanna, A.
Hurdman, H. T.
Harkin, Fred.
Irvine, R. T.
Johnson, C. H.
Johnson, H. D.
Klock, Wm. H.
Macdonald, H. J.
McCormack, N.
McClure, Wm., B.A.
McGannon, M. C.
McKenzie, J. T.
McLellan, J. H.
McMeekin, J. W.
McMillan, D. L.
McPherson, D. T.
Merritt, D. P.
Osborne, Alex. B.
Owens, J. G.
Palmer, G. F.
Platt, A. T.
Powell, F. H.
Robertson, A. McD.
Ruttan, R. F., B.A.
Shibley, J. L., B.A.
Trapnell, H. E.
Tupper, Freeman
Wood, E. G.
Wilson, J. A. R.

The following have passed in Hygiene :

Allan, J. H. B.
Armitage, T. H.
Arthur, R. H.
Baird, T. A.
Boggs, G. W.
Bowen, W., B.A.
Burrows, F.
Campbell, A. W.
Carter, L. H.
Cassidy, A.
Cattanach, W. G.
Corsan, D.
Craig, M. A.
Daly, W. S.
Darey, J. H., B.A.
Dazé, H.
Doherty, W. W.
Eberts, D. W.
Finley, F. G.
Flagg, J. D.
Groves, W.
Hallett, E.
Hanna, A. E.
Harkin, F.
Hurdman, R. F.
Irvine, R. T.
Johnson, H. D.
Johnstone, H. V.
Klock, W. H.
Mattice, J. L.
McCormack, H.
McDonald, H. J.
McGannon, M. C.
McLellan, J.
McMeekin, J.
Mattice, J. L.
McMillan, D. L.
McPherson, D. F.
Osborn, A. B.
Owens, J. G.
Palmer, G. F.
Platt, A. T.
Pomeroy, L. E. M., B.A.
Powell, F. H.
Robertson, A. McD.
Shibley, J. L., B.A.
Stephen, Geo. C.
Trapnell, H. E.
Wilson, J. A. K.
Wood, E. G.

The following have passed in Pathology:

| | | |
|---|---|---|
| Allan, J. H. P. | Eberts, D. W. | McMeekin, J. W. |
| Aylen, P. | Ferguson, W. A., B.A. | McDonald, H. J. |
| Armitage, T. H. | Finley, F. G. | McMillan, D. L. |
| Arthur, R. H. | Gustin, Smith | McPherson, D. T. |
| Baird, T. A. D. | Groves, W. | Merritt, D. P. |
| Barrett, J. A. | Hanna, A. | Osborne, Alex. B. |
| Burrows, F. N. | Hallett, E. O. | Owens, J. G. |
| Campbell, A. W. | Harkin, F. M. | Palmer, G. F. |
| Cameron, D. H. | Hurdman, H. T. | Platt, A. T. |
| Carter, L. H. | Irvine, Robt. T. | Powell, F. H. |
| Cassidy, G. A. | Johnstone, H. V. | Robertson, A. McD. |
| Cattanach, W. C. | Johnson, H. D. | Ruttan, R. F., B.A. |
| Corsan, Douglass | Klock, W. H. | Shibley, J. L., B.A. |
| Craig, M. A. | McClure, Wm., B.A. | Trapnell, H. E. |
| Daly, W. S. | McCormack, W. | Wilson, J. A. R. |
| Dazé, H. | McGannon, M. C. | Wood, E. G. |
| Darey, J. H , B.A. | McLellan, J. H. | |

The following have passed in Physics:

| | | |
|---|---|---|
| Aborn, J. P. | Flagg, D. J. | Pomeroy, L. E. M. |
| Berry, J. A. | Fraser, J. M. | Pringle, W. P. |
| Boggs, G. W. | Gardner, A. W. | Powne, M. G. |
| Boone, S. W. | Grant, A. J. | Richardson, G. C. |
| Boyd, J. | Hall, W. | Ritchie, A. F. |
| Cameron, K. | Hall, A. G. | Ross, D. L. |
| Christie, W. | Haentschel, C. W. | Schmidt, A. F. |
| Cowie, A. W. | Holden, E. D. | Scully, D. J. |
| Donald, W. M. | Johnson, J. M. | Sinclair, Duncan |
| Easton, C. L. | Kelly, J. A. | Stephen, G. C. |
| Edgar, C. J. | Lafleur, H. A. | Stewart, W. G. |
| Ellis, W. E. | McDonald, D. D. | Williams, J. F. |
| Evans, E. J. | McDonald. A. D. | Williams, S. P. |
| Fillmore, E. | Norman, T. J. | Wilkins, H. P. |

The following have passed in Botany:

| | Class | | Class |
|---|---|---|---|
| Powne, N. G | 1st | Edgar, E. J | 1st |
| Dickson, J. A | 1st | McDonald, A. D | 1st |
| Norman, S. J | 1st | Pringle, N. R | 1st |
| Fraser, J. M | 1st | Scully, D. J | 1st |
| Hall, Wm | 1st | Haentschel, A. W | 1st |
| Evans, C. J | 1st | Williams, S. P | 1st |
| McDonald, D. D | 1st | | |

| | Class | | Class |
|---|---|---|---|
| Ferguson, J. A. | 2nd | Fillmore, E. W. | 3rd |
| Donald, W. M. | 2nd | Boggs, G. W. | 3rd |
| Johnson, J. W. | 2nd | Cameron, J. J. | 3rd |
| Easton, C. L. | 2nd | Quirck, E. L. | 3rd |
| Kelly, J. A. A. | 2nd | Berry, J. A. | 3rd |
| Brunette, J. F. | 2nd | Boyd, J. | 3rd |
| Cowie, A. M. | 2nd | Bowen, Wm. | 3rd |
| Richardson, G. L. | 2nd | Hamer, A. L. | 3rd |
| Ross, D. L. | 2nd | Parker, W. D. | 3rd |
| Aborn W. H. | 2nd | Pothier, C. J. | 3rd |
| Ellis, W. G. | 2nd | Ferguson, W. D. S. | 3rd |
| Loucks, F. | 2nd | Davis, A. H. | 3rd |
| Hall, A. G. | 2nd | Giles, A. B. | 3rd |
| | | Aylen, J. P. | 3rd |
| Sinclair, D. | 3rd | Ritchie, R. F. | 3rd |
| McKinnon, H. | 3rd | Woodruff, F. A. | 3rd |

The following have passed in Histology :

| | | |
|---|---|---|
| Aylen, P. | Ferguson, J. A. | MacKinnon, Hugh |
| Berry, J. A. | Ferguson, W. D. | McDonald, D. D. |
| Boggs, G. W. | Fillmore, E. | McDonald, A. D. |
| Boone, S. W. | Flagg, J. D. | Norman, I. J. |
| Bowen, Wm. | Fraser, J. M. | Parker, W. D. |
| Boyd, J. | Gardner, A. W. | Pomeroy, L. G. M. |
| Cameron, K. | Grey, J. E. | Powne, N. G. |
| Christie, W. | Hall, A. G. | Pringle, W. P. |
| Cowie, A. W. | Hall, W. | Ross, D. L. |
| DeCow Douglass McG. | Haentschel, C. W. | Richardson, G. C. |
| Dickson, J. A. | Hamer, A. L. | Sinclair, Duncan. |
| Donald, W. M. | Johnson, J. W. | Scully, D. J. |
| Edgar, C. J. | Kelly, P. N. | Williams, E. P. |
| Ellis, W. E. | Loucks, F. | Woodruff, F. A. |
| Evans, E. J. | Lafleur, B. A. | Wilkins, H. D. |

## MEDALS, PRIZES AND HONOURS.

The Holmes Gold Medal for the best Examination in the Primary and Final Branches was awarded to Wm. Adam Ferguson, B.A., of Richibucto, N.B.

The Prize for the best Final Examination was awarded to James Paterson McInerney of Kingston, N.B.

The Prize for the best Primary Examination was awarded to Smith Gustin, of London, Ont.

The Sutherland Gold Medal was awarded to John Elder, B.A., of Huntingdon, Q.

The following gentlemen, arranged in order of merit, deserve honourable mention :

In the Primary Examination, Norman G. Powne, H. S. Birkett, J. A. Kinloch, J. Elder, B.A., D. Corsan, W. W. White, B.A., Wm. J. McCuaig, W. C. Crockett, B.A., G. H. Raymond. B.A., John L. Duffett, C. W. Wilson, F. J. Seery, Geo. B. Rowat, A. Russell Turnbull, E. P. McCollum, and G. F. Palmer.

In the Final Examination, Geo. A. Graham, R. F. Ruttan, Wyatt. J. G. Johnston, Edwin J. Elderkin, Thos. B. Davies.

PROFESSORS' PRIZES.

Botany.—Prize, Norman E. Powne, of Nashville, Tenn. For the best collection of Plants—Prize, J. E. Gray of Coldstream, Ont.

Practical Anatomy.—Demonstrator's Prizes, 2nd year Herbert S. Birkett of Hamilton, Ont.; 1st year, Donald L. Ross of Winthrop, Ont.

Pathology.—Prize awarded to Edwin G. Wood of Londesboro, Ont., and Honourable Mention to Fred. G. Finley, Montreal, Q.

# Faculty of Medicine.

## SUMMER SESSION.

## 1884.

The Ninth Summer Session of the Faculty of Medicine will begin on the 12th of April, and continue 12 weeks.

The Classes are chiefly practical and demonstrative, and are designed to supplement and extend the teaching of the regular Winter Session.

The records of qualifications of candidates for the degree show that most of the senior students now take either one or two Summer Sessions, and this is regarded by the Faculty as the best indication that the extension of its work in this direction meets a real want, and is duly appreciated.

During the past Session there was an attendance of between 50 and 60 students, including several from other schools, who are received on the same terms and have all the advantages of regular students.

The special advantages of attendance upon a Summer Session are:—

(1) The benefit derived from the practical and demonstrative classes.

(2) Dresserships and Clinical Clerkships are more easily obtained at the Hospitals, and the student has more time at his disposal to follow up the cases.

(3) Cases of Midwifery are obtained in greater number at the Lying-in-Hospital.

(4) Systematic study can be carried out more effectively than at home.

The advantages offered by the city of Montreal for the practical study of Medicine and Surgery are unequalled in the Dominion. In the wards of the General Hospital there is always—and more particu-

larly in the summer months, when navigation is opened—a large collection of interesting medical and surgical cases. In the out-door department there is a daily attendance of between 60 and 70 patients, which affords excellent instruction in Minor Surgery, routine medical practice, and Diseases of Children. The Eye and Ear Department will afford to the student an opportunity of studying practically, under skilled direction, these important branches. At the University Dispensary there will be demonstrations on Gynæcology, on Diseases of Children, and on Diseases of the Skin, and of the Nervous System.

Dresserships and Clinical Clerkships may be obtained on application to the Attending and Out-door Physicians.

The Faculty has much pleasure in announcing the following prospectus :—

**I. CLINICAL INSTRUCTION,** which will comprise :—

**A. Bedside Instruction.**

| | |
|---|---|
| SURGERY, .... .... .... | **Drs. Fenwick, Roddick and Shepherd.** |
| MEDICINE, .... .... .... | **Drs. Ross and Wilkins.** |

**B. Weekly Clinics in theatre on cases of :—**

| | |
|---|---|
| 1.—GENERAL SURGERY. | **Drs. Roddick and Shepherd.** |
| 2.—GENERAL MEDICINE. | **Dr. R. L. Macdonnell.** |
| 3.—GENERAL MEDICINE. | **Drs. Wilkins and Ross.** |
| 4.—GYNECOLOGY. | **Dr. Gardner.** |
| 5.—DISEASES OF THROAT. | **Dr. Major.** |
| 6.—DISEASES OF THE NERVOUS SYSTEM. At the College. | **Dr. Stewart.** |
| 7.—DISEASES OF CHILDREN. At the College. | **Dr Blackader.** |
| 8.—EYE AND EAR DISEASES. | **Dr. Buller.** |
| 9.—VENEREAL DISEASE. At the College. | **Drs. Stewart and Sutherland.** |

**C. Out-patients Clinic.**

1. At Montreal General Hospital, Medical and Surgical.

DR. MAJOR will give special instructions in the dark room on the use of the laryngoscope and DR. BULLER on the use of the ophthalmoscope.

2. At University Dispensary,

| | |
|---|---|
| Gynecology on Tuesdays, Thursdays & Saturdays, 2.30 p.m. | **Dr. Gardner.** |
| Diseases of Children, bi-weekly. | **Dr. Blackader.** |
| Diseases of the Skin, bi-weekly. | **Dr. Shepherd.** |
| Diseases of the Nervous System, bi-weekly. | **Dr. Stewart.** |

3. At Montreal Dispensary. **Drs. Stewart and Sutherland.**

**D. Clinical Instruction** in Obstetrics at University Lying-in Hospital.

1. The management of cases of labor.
2. The after-care of cases.

## II PRACTICAL CLASSES.

1. **Minor Surgery**—Including bandaging; application of splints; hæmostatics; catheterism, artificial respiration, &c. — **Dr. Sutherland.**
2. **Operative Surgery**—A complete course of operations on the cadaver, including amputations, excisions, ligations, etc. The students perform the operations in rotation; fee $5, to cover cost of material. — **Dr. Shepherd.**
3. **The Microscope in Medicine**—A course of twenty-four lessons. Microscopes, reagents, and material provided. Fee $15. — **Dr. Wilkins.**
4. **Morbid Anatomy**—Consisting of twenty demonstrations in the autopsy room of the Hospital. Students will make the post-mortems in rotation, and receive instruction in the method of performing them, and keeping record of their observations. — **Dr. Sutherland.**
5. **Obstetrical Operations and Presentations**—A series of practical demonstrations on cadaver or phantom. — **Dr. A. A. Browne.**
6. **Practical Chemistry**—Same as and may be taken in lieu of the winter course. $12. — **Dr. G. P. Girdwood.**

## III. LECTURES.

1. **Diseases of Children**—Anatomical and physiological peculiarities of infancy, its hygiene and dietetics; methods of examining children; peculiarities of symptoms; diseases of the new-born, of infancy and of childhood, with their therapeutics. — **Dr. A. D. Blackader.**
2. **Hygiene**—Lectures the same as and may be taken in lieu of the compulsory course in the winter session. Fee $6. — **Dr. R. L. Macdonnell.**

Examination at end of the course.

In connection with his course Dr. Stewart will give practical instruction on the use of electricity.

All students desirous of attending the above courses are expected to register their names with the Registrar *within one week* after the beginning of the Session, and to pay a *fee* of $20 (which includes registration fee). Enregistration and payment of the fee are compulsory upon all students, whether attending one or more of the classes.

Time Table will be issued on April 1st.

For further information apply to

FRANCIS J. SHEPHERD, M.D., *Acting Registrar*,
85 Mansfield Street.

# XVII.

## *SESSION* 1883–84.

## STUDENTS IN MEDICINE.

Ahorn, Wm. H., Goderich, O.
†Addison, James L., Sheffield, O.
Allan, James H. B., Montreal, Q.
Armitage, Joseph H., Newmarket, O.
Arthur, Robert H., Brighton, O.
Awde, James, Montreal, Q.
Aylen, James, Aylmer, Q.
Aylen, Peter, Aylmer Q.
Baird, Thomas A. D., Chesterfield, O.
†Barrett, T. A., Fenagh Vale, O.
Berry, Jas. A., Seeley's Bay, Leeds, O.
Birkett, Herbert S., Hamilton, O.
Blackader, Ed. H. P., Montreal, Q.
Boggs, G. W., Wolfville, N.S.
Boone, Sherman W., Fredericton, N.B.
Boyd, Jay, Vankleek Hill, O.
Bowen, Wm., Quebec, Q.
Brown, W. D. H., Charlottetown, P.E.I.
Brunette, Jas. T., Cornwall, O.
Burrows, Fred. N., Drayton. O.
Cameron, Duncan A., Strathroy, O.
Cameron, John James, Lancaster, O.
Cameron, Kenneth, Montreal, Q.
Campbell, Arch. W., Ingersoll, O.
Carter, Lucius H., Picton, O
Cassidy, George A., Goldstone, O.
Cattanach, Walter, Glen Water, O.
Christie, Wm., Lachute, Q.
†Church, John R., Aylmer, Q.
†Clarke, H. J., Pembina, Dakota.
Clarke, John L., Waterloo, Q.
Clayton, W. E., Fredericton, N.B.
Cook, Sheldon E., Aultsville, O.
Corsan, Douglas, Woodstock, O
Cowie, Alex., MacD., Montreal, Q.
Coy, Wm. F., Kingston, O.
Craig, Murdoch A., Glen Water, O.
Crocket, W. C., B.A., Fredericton, N.B.
Cunningham, H. C., Kingston, O.
Daly, E. A. Napanee, O
Davy, Walter S., B.A., Ogdensburgh, N.Y.
Darey, J. Herbert, B.A., Montreal, Q.
†Davies, Thomas B., New Edinboro, O.
Davis, Albert H., Glen Buell, O.
Dazé, Henry, Montreal, Q.
DeCow, Douglas McG., Dresden, O.
Dickson, Jas, A., Trenholmeville, Q.
Doherty, W. W., Kingston, N.B.
Donald, Wm. McJ., Norwick, O.
Duffett, John L., Leeds, Q.
†Duncan, John A., Duncanville, O.
Eastman, Chas. L., Eastman's Corners, O.
Earl, Edgar H., Port Hope, O.
Eberts, Duncan W., Chatham, O.
Edgar, Chas. J., Napierville, Q.
Elder, John, B.A., Huntingdon, Q.
†Elderkin, Edwin J., Apple River, N.S.
Ellis, Wm. E., St. Catherines, O.
Evans, Ed. J., Seaforth, O.
Fairbanks, Chas. S., Oshawa, O.
Ferguson, James A., Vankleek Hill, O.
Ferguson, Wm. D., Cumberland, O.
†Ferguson, W. A., B.A., Richibucto, N.B.
Fillmore, E. W., Baie Verte, N.B.
Finley, Fred. G., Montreal, Q.
Flagg, J. D., Morrisburg, O.
Flett, Alfred J., Lower Fort Garrie, Man.
Fraser, James M., Hawkesbury, O.
Gairdner, Thos. M., Bayfield, O.
Gardner, Alex. W., Cornwall, O.
Gentles, John, Montreal, Q.
Gibson, James B., Cowansville, Q.
Giles, Edward, Farmersville, O.
Gladman, George J., Lindsay, O.
†Gooding, Charles E., Barbadoes, W.I.
†Graham, George A., Hamilton, O.
Graham, John, Carp, O.
Grant, Andrew S., Quebec, Q.
Grant, G. C. J., Kingston, Jam.
Grant, J. H. Y., Ottawa, O.
Gray, J. E. Coldstream, O.
Groves, Wesley, Carp, O.
Gustin Smith, London, O.
Haentschel, Wm. C., Pembroke, O.
Hall, Andrew G., Franklin Centre, Q.
Hall, Wm., Walkerton, O.
Hallett, Edmund O., Truro, N.S.
Hamer, Albert L., Bradford, O.
Hanna, A., Harlem, O.
Harkin, Fred, M., Vankleek Hill, O
Haythorne, T. J., Charlottetown, P.E.I.
Hill, Jas. Edgar, Montreal, Q.
Holden, E. De F., St. Armand Centre, Q.
Howey, Arthur L., Eden, O.
Hughes, P. H., Strathroy, O.
Hurdman, Henry T., Aylmer, Q.
†Hutchison, James A., Goderich, O.
Ibbottson, John S., Montreal, Q.
Irvine, Robt. T., Carp, O
Johnson, Henry D., Charlottetown, P.E.I.
†Johnson, C. H., Almonte, O.
Johnson, James A., Vankleek Hill, O.
Johnstone, Hedley V., Montreal, Q.
†Johnston, Wyatt G., Sherbrooke, Q.
Jolliffe, Jas. H., Cincinnati, Ohio.
†Kelly, Patrick N., Rochester, Minn.
Kelly, Jas. A. A., Durham, O.
Kennedy, Robt. A., Ottawa, O.
Kinloch, John A. Montreal, Q.
Kirkpatrick, Robt. C., Montreal, Q.

Kleck, William H., Aylmer, Q.
Lafleur, Henri A., Montreal, Q.
†Landor, Thomas H., London, O.
Leslie, Arch. Charles, Watson's Corners, O
Lancks, Wm. F., Stirling, O.
Maclure, —, Nassau, W.I.
Mattice, James S., Messina, N.Y.
Mackay, James M., River John, N.S.
Mackay, Eugene, Edw., Papineauville, Q.
McCollum, Ed. P., Duart, O.
†Merritt, David P., B.A., Fitzroy Harbour, O.
MacDiarmid, G. A., Latona, O.
MacDonald, Alex. D., MacDonald's Point, Queen's Co., N.B.
MacKinnon, Hugh, Alexandria, O.
Madge, Walter W., Montreal, Q.
Martin, A. H., Peterboro', O.
McArthur, J. A., Lobo, O.
McDonald, Duncan D., North Lancaster, O.
McDonald, Hugh J., Alexandria, O.
†McClure, William B. A., Lachute, Q.
McCormack, Norman, Pembroke, O.
McGannon, Matthew C., Prescott, O,
McGannon, Thos. G., Prescott, O.
McCuaig, Wm. J., Vankleek Hill, O.
McGregor, J. G., Marlintown, O.
†McInerney, James P., Kingston, N.B.
McKay, James, Ottawa, O.
McKenzie, James T., Flainfield, O.
†McLean, F. N., B.A., Pictou, N.S.
†McLellan, James H., Summerside, P.E.I.
McMeekin, James W., St Catherines, O.
McMillan, Duncan L., Alexandria, O.
McPherson, D. T., M.D., (Vt.), Lancaster, O.
†Meahan, J. C., Bathurst, N.B.
Morgan, Vincent H., Aultsville, O.
†Nelson, W. M. F., Montreal, Q.
Norman, Telfer J., Schomberg, O.
O'Brien, Timothy, Bradenell, O.
Orton, Thos. A., Eden, O.
Osborne, Alex. B., Hamilton, O.
Owens, John J., Fredericton, N.B.
Palmer, Guy F., Ottawa, O.
Park, James, Newcastle, N.B.
Parker, W. D., Vankleek Hill, O.
Platt, Alfred T., Pictou, O
Pomeroy, Luke E., Tweed, O.
Poole, Alfred, Wakefield, Q.
†Porteous, William, Pembroke, O.
Porter, James H., B.A., Kemptville, O.
Pothier, Chas. J., Woonsocket, R.I.
Powell, Fred. H., Ottawa, O.
Powne, Norman G., Nashville, Tenn.
Pringle, W. R., Cornwall, O.
Quirk, Ed. L., Aylmer, Q.
Raymond, Alf., Moulinette, O.
Raymond, G. H., B.A., Springfield, N.B.
†Renner, W. Scott, Jordan Station, O.
Richardson, Geo. C., South March, O.
Ritchie, Robt F., Dirleton, O.
Robertson, Arch McD., Brockville, O.
Robertson, Francis D., B.A., Lennoxville, Q.
Ross, Donald L., Winthrop, O.
Ross, L. F., B.A., Montreal, Q.
†Ross, Lewis D., Montreal, Q.
Rowat, W. M. L., Manoctic, O.
†Rowell, George B., Abbotsford, Q.
†Ruttan, Robert F., B.A., Napanee, O.
Seery, F. J., Fredericton, N.B.
Schmidt, Andrew J., Faribault, Minn.
Schmidt, Augustus F., Montreal, Q.
Scott, John M., Carlton Place, O.
Scully, Daniel J., Lindsay, O.
Sharp, I. C., Sussex, N.B.
Shibley, John L., B.A., Yarker, O.
Sinclair, Duncan, Guildes O.
†Smith, Edwin H., Prescott, O.
Smith, W. A., Montreal, Q.
†Smyth, Herbert E., Worcester, Mass.
Stephen, G. C. Montreal, Q
Stewart, Wm. G., Rundell, O.
Taylor, Fred., Shannonville, O.
Trapnell Hugh E., Harbor Grace, Nfld.
Travers, John B., St. John, N.B.
Tupper, Freeman, Milton, N.S.
Turnbull, A. Russell, Russell, O.
†Walker, Felix D., Launching, P.E.I.
Warneford, Percy H., Norton, N.B.
Webster, Wm. J., Napanee, O.
White, Walter W., B.A., St. John, N.B.
White, F. J., Green's Pond, Nfld,
Wilkins, H. P., Toronto, O.
Wilkinson, A. W., Fredericton, N.B.
Williams, Ed. P., Ottawa, O.
Wilson, Charles W., Cumberland, O.
†Wilson, S. F., M.A., Springfield, N.B.
Willson, James A. K., Manotick, O.
Williams, James F., Barrie, O.
Wishart, D. J. G., B.A., Madoc, O,
Wood, Edwin, G., Londesboro, O.
Woodruff, Thos. N., St. Catherines, O.
Worthington, A. Norreys, Sherbrooke, Q.
Young, Alfred, A., Barton, Vt.

† Passed Examination for M.D. C.M. 1884.

## XVIII.

### LIST OF THE PRIZE-MEN AND MEDALLISTS IN THE MEDICAL FACULTY.

In 1855 the examinations were divided into Primary and Final, and Prizes were established for the best Thesis and for the best examinations in the Primary and Final Branches.

In 1865 the Holmes Gold Medal was established in honour of Dr. Holmes, and is given for the best examination in both Primary and Final Branches.

The following is the list with the present addresses of the recipients :

1854. *For General Proficiency.*—*1st Prize.*—Robt. Craik, Montreal.
*2nd Prize.*—Thomas Simpson, Montreal.

1855. *Thesis.*—James McG. Stevenson, Bryanston, Ont.
*Final Examination.*—James McG. Stevenson, Bryanston, Ont.
*Primary Examination.*—Walter J. Henry.*

1856. *Thesis.*—Walter James Henry,* and W. J. Jones, Prescott, O.
*Final Examination.*—E. Laberge,*
*Primary Examination.*—Levi R. Church. Montreal, Q.

1857. *Thesis.*—Levi R. Church, Montreal, and D. T. Robertson, Lennoxville, Q.
*Final Examination.*—Levi R. Church, Montreal, Q.
*Primary Examination.*—James Kerr.*

1858. *Thesis.*—Timothy F. English* and W. H. Taylor, Peterboro, O.
*Final Examination.*—Wm. Harkin.*
*Primary Examination.*—Jas. J. O'Dea, Stapleton, Staten Island, N.Y

1859. *Thesis.*—Edward W. Smith.*
*Final Examination.*—James J. O'Dea, Stapleton, Staten Island, New York.
*Primary Examination.*—Henry Warren.*

1860. *Thesis.*—J. W. Pickup, Brockville, O.
*Final Examination.*—Henry Warren.*
*Primary Examination.*—Joseph M. Drake, Montreal, Q., and Fred. Sutherland.*

1861. *Thesis.*—Joseph M. Drake, Montreal; F. J. Austin, Sherbrooke, Q., and D. L. Philip, Brantford, O.
*Final Examination.*—Joseph M. Drake, Montreal, Q.
*Primary Examination.*—Thomas C. Walton.

1862. *Thesis.*—R. M. Bucke, London, O.
*Final Examination.*—John A. Stewart.*
*Primary Examination.*—John J. Marston, U. S. Army.

1863. *Thesis.*—Wm. C. Gustin, Detroit, Mich.
*Final Examination.*—J. J. Marston, U. S. Army.
*Primary Examination.*—R. A. Kennedy, Montreal, Q., and Peter A. McDougall, Ottawa, and C. F. Bullen.*

1864. *Thesis.*—W. W. Squire.*
*Final Examination.*—D. Howard Harrison, St. Mary's, O.
*Primary Examination.*—Kenneth Reid,* New York.

1865. *Holmes Gold Medal.*—E. P. Hurd, Newburyport, Mass.
*Final Examination.*—H. L. Vercoe, Seaforth, O.
*Primary Examination.*—George Ross, Montreal, and W. Gardner, Montreal.

1866. *Holmes Medallist.*—George Ross, M.A., Montreal, Q.
*Final Examination.*—William Gardner, Montreal, Q.
*Primary Examination.*—Clinton W. Kelly, Louisville, Ky.

1867. *Holmes Medallist.*—Clinton W. Kelly, Louisville, Ky.
*Final Examination.*—C. W. Kelly, Louisville, Ky.
*Primary Examination.*—Wm. Henry Paterson.*

1868. *Holmes Medallist.*—T. G. Roddick, Montreal, Q.
*Final Examination.*—T. G. Roddick, Montreal, Q.
*Primary Examination.*—Andrew Harkness, New Lancaster, O.

1869. *Holmes Medallist.*—T. D. Lucus.*
*Final Examination.*—Andrew Harkness, New Lancaster, O.
*Primary Examination.*—Alexander A. Henderson, Ottawa, O.

1870. *Holmes Medallist.*—A. A. Henderson, Ottawa, O.
*Final Examination.*—O. H. E. Clarke, St. Louis, Mo.
*Primary Examination.*—J. H. Mathieson, St. Mary's, O.

1871. *Holmes Medallist.*—J. H. Mathieson, St. Mary's, O.
*Final Examination.*—H. P. Wright, Ottawa, O.
*Primary Examination.*—Thomas Kelly, Demarara.

1872. *Holmes Medallist.*—Hamilton Allan, Oconto, Wis.
*Final Examination.*—G. A. Starke, Milwaukee.
*Primary Examination.*—F. J. Shepherd, Montreal.
*Special Prize for Thesis.*—W. Osler, Montreal.

1873. *Holmes Medallist.*—Thomas Kelly, Demarara.
*Final Examination.*—D. A. Alguire, Cornwall, Ont.
*Primary Examination.*—J. D. Cline, B.A.*

1874. *Holmes Medallist.*—J. D. Cline, B.A.*
*Final Examination.*—J. C. Cameron, Montreal.
*Primary Examination.*—Simon J. Tunstall, B.A., Lytton, B.C.

1875. *Holmes Medallist.*—S. J. Tunstall, B.A., Lytton, B.C.
*Final Examination.*—J. B. Benson, Chatham, N.B.
*Primary Examination.*—C. S. Murray, B.A.*

1876. *Holmes Medallist.*—Robt. H. W. Powell, Ottawa, O.
*Final Examination.*—Chas. Murray, B.A.*
*Primary Examination.*—Alex. C. Frazer, Manitowoc, Wis.
*Special Prize for Thesis.*—R. L. MacDonnell, B.A., Montreal.

1877.—*Holmes Medallist.*—James Bell, Montreal, Q.
*Final Examination.*—W. D. Oakley.
*Primary Examination.*—H. N. Vineberg, Portage La Prairie, Man.

1878. *Holmes Medallist.*—H. N. Vineberg, Portage La Prairie, Man.
*Final Examination.*—T. W. Mills, M.A., Montreal.
*Primary Examination.*—W. R. Sutherland, Montreal.
*Sutherland Gold Medal.*—J. M. Lefebvre, Brockville, O.

1879. *Holmes Medallist.*—J. B. Lawford, London, Eng.
*Final Examination.*—A. W. Imrie, Detroit.
*Primary Examination.*—J. A. McDonald, Montreal.
*Sutherland Gold Medal.*—W. L. Grey, Pembroke, O.

1880. *Holmes Medallist.*—J. A. McDonald, Montreal.
*Final Examination.*—H. B. Small, Ottawa.
*Primary Examination.*—James Ross, B.A., Dundas, O.
*Sutherland Gold Medal.*—H. W. Thornton, B. A., Montreal.

1881. *Holmes Medallist.*—James Ross, B.A., Dundas, O.
*Final Examination.*—John W. Ross, Cohoes, N. Y.
*Primary Examination.*—R. J. B. Howard, B.A., Montreal.
*Sutherland Gold Medal.*—C. E. Cameron, Montreal.

1882. *Holmes Medallist.*—R. J. B. Howard, B.A., Montreal, Q.
*Final Examination.*—Henry V. Ogden, B.A., Milwaukee, Wis.
*Primary Examination.*—George A. Graham, Hamilton, O.
*Sutherland Gold Medal.*—Wyatt, G. Johnston, Sherbrooke, Q.
*Morrice Scholar.*—Wyatt, G. Johnston, Sherbrooke, Q.

883. *Holmes Medallist.*—C. E. Cameron, Montreal.
*Final Examination.*—J. B. Loring, Sherbrooke, Q.
*Primary Examination.*—Ed. G. Wood, Londesboro, O.
*Sutherland Gold Medal.*—R. F. Ruttan, B.A., Napanee, O.
*Morrice Scholar.*—R. F. Ruttan, B.A., Napanee, O.

1884. *Holmes Medallist.*—Wm. A. Ferguson, Bathurst, N.B.
*Final Examination.*—James P. McInerney, Kingston, N.B.
*Primary Examination.*—Smith Custin, London, Ont.
*Sutherland Medal.*—John Elder, B.A., Huntingdon, Q.

## HOW TO BECOME A REGISTERED PRACTICIONER.

The possession of an M.D. degree does not entitle the holder to practice. He must become *registered*. In all the provinces of the Dominion except Ontario, the possession of a degree in Medicine from a recognized university entitles the holder to register. In *Quebec*, graduates of the universities of the province must appear in person at the May or September meeting of the Board, present their diplomas and swear to them. Registration is granted only at these periods, It is optional with the Board whether the holder of a degree from a University outside the province of Quebec can register without further examination. In some cases the additional test has been enforced. In *Ontario*, unless a registered practicioner of Great Britain, the examination of the college of physicans and surgeons of the Province must be passed before registration. The examination is held every spring. In *Nova Scotia*, *New Brunswick*, *Manitoba*, the provincial boards accept the degrees of Canadian Universities without examination. *Prince Edward Island* and *British Columbia* have as yet no Medical Boards. In most of the *West India Islands* certificate of registration in one of the provinces of the Dominion entitles the holder to practice.

In the *United States*, holders of Canadian degrees in medicine can practice without additional examination or study. In many of the States now Medical Boards exist, similar to those in our Provinces, and the degree must be registered before a license to practice is obtained. The custom varies in different States.

In *Great Britain* no colonial or foreign degrees are registerable, except in the case of the University of Melbourne and of holders of Colonial degrees prior to 1850. To register, the examinations of one of the numerous licencing Boards must be passed.

A Graduate in Medicine of an American College in order to register in any of the Provinces of the Dominion, must (*a*) unless the holder of an Academical Degree pass the Matriculation examination of the Board (*b*) attend some one of the Medical Schools in order to complete the curriculum required by the Boards and (*c*) pass the professional examination.

# DOCTORS IN MEDICINE.

Addison, Jas. L., West Flamboro, O 1884
1866
*Adsetts, John. Grimsby, O 1871
Alexander, Robert A., Cornwall, O 1873
Algnire, Duncan O., Belcell, Q 1866
Allard, Emery, Oconto, Wis 1872
†Allan, Hamilton, East Farnham, Q 1883
Allen, C. E., Montreal 1869
Alloway, Thomas Johnson,
Anderson, Alex., Med. Dept. Indian Army 1866
1865
*Anderson, John C., Wandsworth, Eng 1869
Archer, Ths., Orillia, O 1869
Ardagh, Johnson, Montreal 1877
Armstrong, Geo. E.. 1847
*Arnoldi, Daniel [Hon], 1852
Atkinson, Robert, Ochkosh, Wis 1890
Ault, Alexander, Montreal 1855
Ault, Charles, 1855
*Ault, James F., Aultsville, O 1868
Ault, Edwin D., Sherbrooke, Q 1862
Austin, Fred. John, Sackville, N.B 1880
Ayer, N., M.A., Aylmer, Q 1857
Aylen, John, Aylmer, Q 1893
Aylen, James,
Backhouse, J. B., Braidwood, Ill 1870
Bain, D. S. E., Staff Surgeon Maj. 1868
Bain, Hugh U., Prince Albert, Man 1875
Baird, James G., Pakenham, O 1870
Baker, Albert, Dawlish Devon, 1848
Barclay, George, Parkhill, O 1870
*Barnston, James [ad. eun], 1856
Barrett, Jos. A., Fenaghvale, O 1884
Battersby, Charles, Port Dover, O 1861
Baynes, Donald, M.A., London, Eng 1876
Baynes, Geo. Aylmer, Winnipeg, Man 1869
Beatty, D., Richmond, Carlt. Co., O 1862
1865
*Beaudet, Alfred, St. Cesaire, Q 1871
Beaudry, Louis B., St Law Co, N.Y 1878
Beckstead, M., Lisbon, Montreal 1877
†Bell, James, 1866
*Bell, John, M.A., Ottawa 1878
Bell, Robert, C.E., Peterboro, O 1873
Bell, Robert W., Quebec 1862
Bellenu, Alfred, 1870
Bergeron, Joseph, Cornwall, O 1847
Bergin, Darby, Montreal 1863
Bessey, William E., Boston, Mass 1865
Bender, Prosper, Chatham, N. B 1875
Benson, Joseph B., 1843
*Benoud, Jean G., Montreal 1871
Blackader, Alex. D., B.A., Chesterville, O 1870
Blacklock, John J., 1863
*Blanchet, J. B., Three Rivers, Q 1865
Blair, Robt. C., 1865
*Bligh, John W., Mene, O 1859
Bogart, Irvine D., 1875
*Bomberry, Geo. E., Colombus, Neb 1881
Bonesteel, S. A., Stirling, O 1892
Boulter, George H., Kingston, N B 1883
Bowser, J. C., 1842
*Boyer, Louis, 1847
*Boylan, Andrew A., Carbonear, Nfld 1877
Boyle, Albert D., 1890
*Bowman, William E., Waddington, N Y 1864
Bower, Silas J., 1869
*Bradley, William, 1863
*Braithwaite, Francis H., Ancaster, O 1867
Brandon, John, 46th Regiment 1847
Breslin, William I., Philipsburg, Q 1848
Brigham, Josiah S., Lowell, Mass 1871
Brissette, Henry R.,

Bristol, Amos S., Napanee, O 1850
Brodeur, Alphonse, Roxton Falls, Q 1863
Brodie, John, Honolulu, Sdwh Isl 1877
Brooks, Samuel T., St Johnsbury, Vt 1851
1847
*Brouse, William H., Brockville, O 1861
Brouse, Jacob E., Laprairie, Q 1875
Brossard, J. B. J., Melbourne, Q 1881
Brown, Thos. L., Plattsville, O 1879
Brown, J. L.,
Brown, Peter E., Ste Anne de Bellevue, Q 1863
1864
Brown, Harry, 405, W. Washington St, Chicago 1873
Barnston, Q 1882
Brown, Chs. O., Montreal 1872
Browne, Arthur A., B.A., Sorel, Q 1835
Bruneau, Adolphe, 1843
*Bruneau, Olivier T. [Hon], 1851
*Brunean, Onesime,
Bryson, William G., Fenelon Falls, O 1867
Bucke, Richard Maurice, London, O 1862
*Bucke, Edward H., 1852
*Buckle, John M. C., 1869
Buckley, William P., Prescott, O 1870
Bull, George J., Colorado Springs, Col. 1889
*Bullen, Charles F., 1854
Buller, Frank, Montreal 1879
Burgess, J. A., Listowell, O 1868
Burch, B. F., Walla Walla, Walsh Ter 1866
*Burland, John H., 1863
Burland, Samuel C., Chester, Penn 1877
Burland, William B., Montreal 1872
Burland, William H., Montreal 1875
Burland, Benj. W., Mineville, N Y 1882
Burrows, Philip P., Lindsay, O 1866
*Burnham, Robert Wilkins, 1860
*Burns, Alfred J., 1854
Burritt, Horatio C., Toronto, O 1863
Burwash, Henry J., Minneapolis, Minn 1879
*Butler, George C., 1865
Butler, Billa F., Stirling, O 1879
*Buxton, John N., 1849
Cahalan, James, Wyandotte, Mich 1880
*Cameron, Chas. E., Montreal 1885
Cameron, Paul, Alexandria, O 1881
Cameron, Duncan H., Emerson, Man 1877
Cameron, James C., Montreal 1874
Cameron, John D., Norway, Mich 1878
*Campbell, Donald Peter, 1860
Campbell, Francis Wayland, Montreal 1869
Campbell, A. W., M.A., [ad eun], 1843
*Campbell, G. W., M.A., New Zealand 1876
Campbell, J.,
*Campbell, Samuel, 1866
Campbell, John, Seaforth, O 1869
Campbell, Lorne, London, Eng 1882
Cannon, Gilbert, Almonte, O 1877
Carmichael, D. A., Mar. Hosp. Serv, Pittsburg, Pa 1873
1864
Carey, Augur D. L. [ad eun], Detroit, Minn 1879
Carman, Philip E., Detroit, Minn 1879
Carman, John B., Asylum, Lancaster, Eng 1867
Cassidy, David M., Med Supt. County Goderich, O 1865
1859
Cassady, John F., North Bedeque, PEI 1885
*Carroll, Robert W. W., Lake Park, Minn 1881
Carruthers, Geo., 1843
Carson, J. H., Meadow Vale, O 1859
*Carson, Augustus, Hamilton, O 1879
Carter Samuel A., Windsor, O 1851
Case, W. Hermanus, Denver, Col 1871
Casgrain, Charles E.,
Cattanach, Andrew J.,

Cattanach, Angus M. Dalhousie Mills O 1882
Chagnon, Vincelaus G. B,. Fall River, Mass 1867
*Chaliner, Francis. 1849
Cherry, William. Toledo, Ohio 1869
*Chesley, George Ashbold. 1862
Chevalier, Gustave. Bedford, Q 1860
Chevalier, Napoleon E., Iberville, Q 1873
Chipman, C. J. H., B. A., Ottawa, O 1868
*Chisholm, Alex., Alexandria, O 1878
Chisholm, Murdoch, Bay Roberts, Nfld 1879
Christie, George H., Lachute, Q 1872
Christie, John B., Pelaluma, Son Co., Cal 1865
Christie, Thomas, Lachute, Q 1848
Christie, John H., B.A.,833 W 22nd St, Chicago 1875
Christie, Edmund. Chicago 1882
*Church, Charles H., 1862
Church, Clarence R., Ottawa 1868
Church, Coller M., Aylmer, Q 1855
Church, F. W., Aylmer, Q 1880
Church, Levi R., Montreal 1857
Church, Mills K., Pierrepout Manor, N. Y. 1864
*Church, Peter H., 1846
Clarke, Hy. J., Winnipeg, Man 1881
Clarke, Octavius H. E., St Louis, Mo 1870
Clarke, Wallace, B.A., Utica, N Y 1871
Clarke, Henry J.. Pembina, Dakota 1884
Clarke, Richard A., Oakville, O 1870
Clarke, F G.B., Fordwych Rd. Kilburn Lond., Eng 1876
Clemesha. John W., Port Hope, O 1867
Clement, Victor A., St. Guillaume, Q 1866
*Cline, John D., B.A., 1874
Cluness, Daniel, Nanaimo, BC 1870
Codd, Alfred, Winnipeg, Man 1865
*Collins, Charles W., 1869
Collison, R., Norfork, St Law. Co., NY 1878
Colquhoun, George, Iroquois, O 1876
Comeau, John B., St David, Q 1870
Cook, Guy K., B.A., Louisville, N Y 1876
Cook, Hermon L., Napanee, O 1854
Cook, Sheldon E., Aultsville O 1884
Cooke, Charles H., Toronto, O 1866
Cooke, Sydney P., Hull, Q 1860
Cooke W. H., Wolfston, Q 1876
Copeland, William L., Chicago 1872
*Corbett, A. P. M. 1854
Corbett, William H., Brig. Surg Army Med Dept. 1854
Corlis, Josiah, St Thomas, O 1869
Cormack, Wm., Morristown, O 1881
*Corsan, John 1869
Cotton, C. L , Cowansville, Q 1877
Cousins, W. C., Ottawa, O 1882
*Cowley, Thomas McJ., 1870
Cowley, D. K., Granby, Q 1880
Cox, Frank, Charlottetown, P E I 1869
Coyle, Henry W., Sorel, Q 1876
Craig, Thornton. Capay, Cal 1876
Craik, Robert. Montreal 1854
Cram, Daniel C., Lawrence, Kan 1872
*Crawford, James [ad eun], 1874
Crichton, Stuart, Sonora, Cal 1865
Crothers, William, Stanbridge, Q 1876
*Culvers, Joseph B., 1848
*Cunynghame, W. C. Thurlow. 1858
Cutler, Frederick A., Sutton, Q 1873
Daly, Guy D. F., 1868
*Dansereau, Charles, 1842
Dansereau, Charles, 1869
*Dansereau, Pierre, 1835
Davies, Thomas B., New Edinburgh, O 1884
Davignon, F. F., Leadvillu, Col 1871
Dawson, R., B.A., Montreal 1882
Dearden, G. A., St. Paul, Neb 1882
*Dease, Peter Warren, 1847
DeBonald, C. S., Berthier en haut, Q 1882
DeBoucherville, Charles B., Quebec 1843
DeGrosbois, T. B., Roxton Falls, Q 1868
Demorest, B. G. G., Stirling, O 1852
Derby, W. J., Rockland, O 1882
*Desaulniers, Antoine A., 1863
*DeCelles, Charles D., 1841
Dibblee, G. O., Moor's Mills, N B 1868
*Dice, George, 1864
*Dick, James R., 1842
*Dickinson, James S., 1846
*Dickinson, George, 1868
Dickson, William W., Pembroke, O 1863
Digby, F. Winniett, Brantford, O 1863
*Dodd John, 1864
Donnelly, C. H., Waresville, Texas 1860
*Dorion, Severe, 1843
*Dorland Enoch G., 1850
Dorland, James, Milwaukee, Wis 1875
Dougan William, St. Catharines, O 1867
Douglass, James [Hon] 1847
Dowling, John F., Egansville, O 1875
Drake, Joseph M., Abbotsford, Q 1861
Dubuc, Charlemagne, Montreal 1864
*Ducket, Stephen, 1853
Duckett, William A., Montreal 1859
Dufort, Thadee A., St Sebastian, Q 1865
Duhamel, Louis, Hull, Q 1860
Duncan, George Fareham, Hants, Eng 1856
Duncan, Gideon M., Bathurst, NB 1871
Duncan, George C., London, Eng 1875
Duncan, James S., Surg. Mag. Army 1858
*Duncan, John, 1871
Duncan, John A., Duncanville, O 1884
Duncan, W. T., Fergus Falls, Minn 1882
Dunlop, H. A., Crookston, Minn 1882
*Dunn, William Oscar, 1843
Dunsmore, John M., 1870
Dupuis, Joseph B., Clarenceville, Q 1856
Easton, John. Brockville, O 1852
Eberle, Harry A., Kansas City, Mo 1876
Edwards, Eliphalet G. London, O 1855
Edwards, J. S., London, O 1880
Edwards, Oliver C., Qu'Appelle, N.W.T 1873
Elderkin, Edwin J., Avondale, Hants Co., N S 1884
Elkinton, A. G., Surg. Maj. Gren. Guards 1862
Ellison, S.R., 268 W 43rd St., N Y 1873
Emery, Gordon J., Minneapolis, Minn 1857
*English, T. F., 1858
*Erskine, John, 1860
Ethier, Calixte. St Eugene, Q 1867
Evans, Griffith. Vet Dept. Army, Woolwich, Eng 1861
Ewing, William, Hawkesbury, O 1873
Falkner, Alexander, Lancaster, O 1866
Falls, Samuel K., Wakefield, Q 1875
Farewell, G. McGill, Princeton, O 1872
Farewell, W. G., Oshawa, O 1868
Farley, James T., Fremont Centre Mich 1877
Farley, John J., Belleville, O 1873
Faulkner, George W., Stirling, O 1871
Faulkner, D. W., Foxboro, O 1878
Fendor, H. C., Chicago, Ill 1881
Feilde, E. C., Prescott, O 1881
Fenwick, George E., Montreal 1847
Fergusson, A. A., Franklin Centre, Q 1864
Fergusson, Alex. R., Dalhousie Mills O 1866
Ferguson W. A., B. A., Montreal 1884
*Finlayson, John 1884
Finnie, John T., Montreal, Q 1866
*Fisher, John. 1847

*Fitzgerald, James, 1865
Fortier, Louis A., St David, Q 1878
Fortin, Pierre, Montreal 1845
Fortune, Lewis M., Huntingdon, Q 1873
*Foster, Stephen Sewell, 1846
Fraleigh, William S., Gananoque, O 1869
Fraser, H. D., Perth, O 1881
Fraser, Alex. C., Manitowoc, Wis 1877
*Fraser, William, 1836
Fraser, William H., 1867
Fraser, Donald M., Stratford, O 1869
Fraser, Donald, Chicago, Ill 1868
Fraser, J. K., Medcalfe, O 1878
Freeman, C. M., Cape Sable Isl., N.S 1871
Fuller, W., Grand Rapids, Mich 1866
Fuller, H. LeRoy, B.A., Sweetsburg, Q 1870
Fulton, James H., Montreal 1863
Gale, Hugh, Bad Axe, Mich 1882
*Garvey, Joseph, 1892
Gardner, H. H., San Francisco, Cal 1878
Gardner, John J., Montreal 1883
Gardner, Matthew, Sacramento, Cal 1871
Gardner, William, Montreal 1867
*Gascoigne, Geo. E 1861
Gaviller, Edwin A., Hamilton, O 1873
*Gauvreau, Elzear, 1855
*Gauvreau, Lewis H., 1856
Gendron, Thomas, St. Raymond, Q 1866
Gernon, George W., Marieville, Q 1872
*Gibb, George D., 1846
Gibson, John B., Cowansville, Q 1855
Gibson, W. B., Dunham, Q 1878
*Gibson, Edward B., 1864
Gilbert, Henry L., Sherbrooke, Q 1875
Gillis, John A. F., Summerside, P.E.I. 1877
Gillies, John, Teeswater, O 1867
Gilmour, Angus A., Modesta, Cal 1868
*Giroux, Philippe, 1859
Girdwood, Gilbert P., Montreal 1869
Glen, C. W. E., Chambly, Q 1858
Godfrey, Robert, Montreal 1844
Godfrey, Abraham C., Fremantle, Southampton, Eng 1865
*Goodhue, P. J., 1875
Goforth, Franklin, Runcorn, Ches., Eng 1863
Gooding, Chas. E., Barbadoes, W. I. 1884
Gordon, C. M., Aylwin, Q 1881
Gordon, Robert, Arlington, Ill 1868
*Gordon, W. W., 1863
Graham, Charles E., Hull, Q 1865
Graham, Geo. A., Montreal 1884
*Graham, Henry, 1863
Graham, Kenneth D., Ottawa, O 1875
Grant, Donald J., Woodbridge, O 1863
Grant, James A., Ottawa, O 1854
Grant, Jas. A., B.A., Ottawa, O 1882
Grant, William, Perth, O 1867
Gray, John S., Winnipeg, Man 1876
Gray, Thomas, Parsley, O 1879
Gray, James, Montreal, Q 1883
Gray, W. L., Pembroke, O 1881
Greaves, Henry C., Barbadoes 1877
Greenwood, F. S., St. Catharines, O 1878
Greer, T. A., C. SS. Minia, Halifax, N S 1876
*Grenier, L. P. A., 1863
Groves, George H., Carp, O 1879
Guerin, James J. E., Montreal 1878
Guest, Thomas F., St. Mary's, O 1873
Guin, James, Durham, Co. Grey, O 1861
Gurd, David F., Montreal 1879
Gustin, William Claud, Detroit, Mich 1863
Hagarty Dan. M. J., Portage la Prairie, Manitoba 1866
*Hall, Archibald, [ad eun] 1848
*Hall, James B., 1866
*Hall, J. W., 1848
Halliday, James T., Peterboro, O 1865
*Hamilton, Andrew W., 1859
Hamilton, Charles S., Demorestville, O 1868
Hamilton, John R., Stratford, O 1871
*Hamilton, Rufus F., 1861
Hamel, Joseph A., Murray Bay, Q 1856
Hammond, J. H., Montreal 1869
Hannah, Franklin, Lansdowne, O 1879
Hanover, William, Seaforth, O 1875
Hanvey, C. J. B., Yale, B C 1883
Hart, F. W., St. Martinville, La 1835
Harvie, J. B., Troy, N Y 1881
Harvey Wm. A., Harriston, O 1874
*Harding, F. W., 1868
Harkin, Henry, 1867
*Harkin, William, 1858
Harkness, John, Dickinson's Corners, O 1862
Harkness, Andrew, New Lancaster, O 1869
Harrison, David H., St. Mary's, O 1864
Harrison, H. J., Moulinette, O 1883
Hart, George C., Prescott, O 1879
Hannington, E. B. C., Yale, B C 1875
Hayes, James, Simcoe, O 1866
Heard, C. De W., Charlottetown, P E I 1880
Hebert, P. Zotique, Whitehall, N Y 1873
†Henderson, Alex. A., Ottawa, O 1870
Henderson, E. G., 1874
*Henderson, Peter, A.M., 1843
Henderson, Andrew, Calgary, N W T 1880
*Henry, Walter, [Hon.] 1853
*Henry, Walter J., 1850
Henry, Wm. G., C.P.R. Mattawa, O 1883
Henwood, Alfred J., Brantford, O 1879
*Hervey, Jonas J., 1866
Hethrington, Harry, Hatley, Q 1872
Heyd, H. E., Buffalo, N Y 1881
Hickey Charles E., Morrisburg, O 1866
Hickey, Samuel A., B.A., Aultsville, O 1874
Higginson, H. A., Winnipeg, Man 1881
Hils, Joseph, Woonsocket, R I 1873
Hingston, W. H., Montreal 1851
Hockridge, Thos. G., London, Eng 1874
*Holden, Rufus, 1844
Holwell, John, Kingston, Jamaica 1868
*Holmes, Andrew F., [ad eun] 1843
Hopkins, Alf. J., Cookshire, Q 1883
Houston, D. W., Cohoes, N Y 1881
Howard, James, Lachine, Q 1867
Howard, Robert, St. John's, Q 1872
Howard, R. Palmer, Montreal 1848
†Howard, R. J. B., B.A., Montreal 1882
Howden, Robert T., Winnipeg, Man 1857
Howey, W. H., C. P. R. Matawan, O 1878
Howitt, Wm. H., Toronto, O 1870
Howland, Francis L., Huntsville, O 1867
Hulbert, E. Augustus, Brooklyn, N Y 1860
Hume, William L., Leeds, Q 1875
*Hunt, J. J., 1881
Hunt, Henry, Williamstown, O 1876
Hunt, J. H., Surg. Maj. Army, Med Dept. 1869
Hunt, Lewis G., B.A., Sheffield, Eng 1871
*Hurd, Ed. P., Newburyport, Mass 1865
Hurdman, Benj. F. W., Ottawa, O 1882
Hurlbert, George W., Thornbury, O 1859
Hurlbert, Richard W., Mitchell, O 1873
Hutchinson, John A., Bluevale, O 1878
Hutchison, Jas. A., Goderich, O 1884
Imrie, A. W., Detroit, Mich 1879
Inksetter, D. G., Copetown, O 1880
Irvine, James C., Liverpool, Eng 1866

Irwin, J. L., 205 E. Ohio St. Chicago 1879
Ives, Eli, Coaticooke, Q 1863
*Jackson, A. T., 1846
Jackson, Wm. Fred., Brockville, O 1873
Jackson, Joseph A., Manchester, N H 1879
*Jamieson, Alex., B.A., 1877
Jamieson, Thos. A., 1875
Jamieson, Chas. J., Winnipeg, Man 1879
Johnson, C. H., Almonte, O 1884
Johnson, James B., London, Eng 1876
Johnson, J. C., Surg. Maj. Army 1867
Johnson, J. R., Spring Valley, Minn 1883
Johnston, Thomas G., Sarnia, O 1871
Johnston, W. G., Sherbrooke, Q 1884
Jones, Charles R., Hadley, Q 1874
Jones, George N., Burlington, Iowa 1874
*Jones, Thomas W., [ad eund] 1854
*Jones, Jonathan C., 1865
Jones, Wm. Justus, Prescott, O 1856
Jones, H. J. M., Wabash Av. Chicago 1873
Josephs, G. E., Pembroke, O 1881
Kearney Wm. J., 1875
Keefer, Wm. N., B.A., Surg. Maj., Bengal Army 1869
*Keeler, Thomas, 1859
†Kelly, Clinton Wayne, Louisville, Ky 1867
Kelly, Patrick N , Rochester, Minn 1884
*Kelly, Wm., 1846
*Kelly, Thomas, Enmore St'n. De[illegible]ara 1878
Kempt, William, Linc[illegible] O 1864
Kennedy, Richard A., Montreal 1864
*Kerr, James, 1858
Killery, St. John, Surg. Maj. Army 1802
King, Wm. M. H., St. Sylvestre, Q 1859
King, Reginald, A. D., Compton, Q 1868
King, Richard, Peterboro, O 1878
*Kirkpatrick, A., 1856
Kittson John G., St. Paul, Minn 1869
Kittson, Edmund G., Winnipeg, Man 1873
Klock, Robert H., Aylmer, Q 1882
*Knowles, James A., 1866
*Kollmyer, Alex. H., 1856
Labergc, Ed., St. Philomene, Q 1856
Landor, Thos. H., C. P. R'y., O 1884
Lane, John A., 1877
Lang, Christopher L., Owen Sound, O 1876
Lang, W. A., St. Mary's, O 1881
*Lang, Thomas D., 1866
Langlois, O. N., Amherstberg, O 1875
*Langrell, Richard T., 1865
Lareqne, A. B., Montreal 1847
Lathern, J. S., Halifax, N S 1883
Laurin, Edgar J., Deer Lodge, Mon 1881
Law, D. W. C., Bond Head, O 1863
Law, William K., Coleraine, Irel 1877
*Lawford, John B., London, Eng 1879
*Lawrence, Henry J. H., 1862
Leavitt, Julius, Melbourne, Q 1866
Leclere, George, Montreal 1851
Leclair, Napoleon, Lancaster, O 1861
Lee, James C., 1858
Lee, John Rolph, 1849
Lefelvre, John M., Brockville, O 1870
Legault D., Salaberry de Valleyfield, Q 1876
Lemoine, C., St. Pierre, Ile d'Orleans 1850
Lepailleur, Leonard, 1843
Leprohon, John L., Montreal 1843
Levi, Reuben, New York, U.S. 1870
Lindsay, Herbert, St. Johns, Q 1861
*Lister, James, 1860
*Lloyd, H. W., 1879
*Lowe, C. F. A., 1852
Lyon, David D., 1842
Lyon, Robert, Iona, M ch 1876
*Logie, William, 1833

*Long, Alexander, 1844
Longley, Edmund, 1866
Longpre, Pierre F., Quebec, Q 1848
Loring, J. Brown, Sherbrooke, Q 1883
*Loupret, Andre, 1890
Loux, William, Russell, O 1870
Loverin Nelson, Montreal 1855
Lovett, William, Ayr, O 1876
*Lucas, T. D'Arcy 1869
Lunam, H. B.A., Campbellton, N B 1881
Lundy, E. L., Surg. Maj. Army 1862
Lyford, Chs. C., Minneapolis, Minn 1879
Lyon, Arthur, Shawville, Q 1861
Maas, Rudolph J., Chicago, Ill 1880
*MacDiarmid, John D., 1847
MacDonald, Angus, St. Paul, Minn 1863
*Macdonald, Colin, 1853
Macdonald, R. T. E., Sutton, Q 1881
Macdonald, Roderick Æneas, Stony Mountain, Man 1874
MacDonell, Æneas, Ottawa 1849
MacDonnell, R. L., B.A., Montreal 1876
MacFarlane, William, Almonte, O 1869
Macfie, James, Fort Covington, N Y 1869
MacIntosh, Robert, Rapid City, NWT 1863
Mack, Francis Lewis, Amherstburg, O 1862
*Mackie, J. R., 1865
*Macklem, Samuel S., 1859
MacLean, Archibald, Sarnia, O 1867
*Macnabb, Francis A. L., 1870
Macneil. Alex., Kensington, P E I 1883
McArthur, Robert D., Chicago, Ill 1867
McArthur, John A., Port Elgin, O 1879
McBain, John, Martintown, O 1874
McCallum, Duncan C., Montreal 1850
McCann, J. J., B.A., Hopkinton, Mass 1878
McCarthy, W., Chicago, Ill 1867
*McConkey, T. C., 1872
McConnell, John B., Montreal 1873
*McCord, John D., 1864
McCorkill, R. K. C., East Farnham, Q 1882
McCormick, Andrew G., Richmond, Q 1874
McCrimmon, Donald A., Lucknow, O 1869
McCrimmon, John, Kincardine, O 1878
McCrimmon, Milton, Palermo, O 1878
McCullough, George, St. Mary's, O 1879
*McCullough, Michael, [Hon.] 1843
McCully, Oscar J. M. A., Baie Verte, N B 1879
McCurdy, John, Chatham, N B 1866
McDermid, Wm., Dunvegan, O 1875
McDiarmid, Donald, Athol, O 1867
McDiarmid, James, Hensall, O 1873
McDonald, Alex., Paisley, O 1853
†McDonald, John A., Montreal 1880
McDonald, Jos. D. A., Acton Vale, Q 1873
McDonald, R. C., Spencer, Iowa 1880
McDonald, Roderick, Cornwall, O 1834
McDonald, Alex. R , Trinity, Texas 1882
McDonnell, Alex R., Alexandria, O 1874
McDonell, Angus C., Montreal 1852
McDougall, Peter A , Ottawa, O 1864
*McDougall, Peter A., 1847
McEachran, W., Winnipeg, Man 1880
McEwan, Findlay, Carlton Place, O 1870
McGannon, E. A., Lowell, Mass 1881
McGarry, James, Drummondville, O 1857
McGee, Iby, William, Iona, O 1867
McGill, William, 1848
*McGillivray, Donald, 1861
McGowan, Henry W., Beebe Plain, Q 1867
McGrath, Thomas, 1849
*McGregor, Duncan, 1861
McGuigan, W. J., London, O 1879
*McGuire, Bernard D., 1873

McIlmoyl, Henry A., Clayton, N Y 1876
McInerney, Jas. P., Kingston, N B 1884
McInnes, Walter J., Victoria, O 1865
McIntosh, James, Vankleek Hill, O 1859
McIntosh, Donald J., Vankleek Hill, O 1870
McIntyre, Peter A., Souris, P E I 1867
McKelcan, George Lloyd, Hamilton, O 1866
McKenzie, B. E., B.A., Riverside, Toronto, O 1879
McKenzie, K. A. J., Portland, Oregon 1881
McKay, John, Woodville, O 1869
McKay, Walter, Courtland, O 1854
McKinley, John K., Bristol, Q 1878
McLaren, Peter, Brudenell, P E I 1869
McLaren, Peter, Paisley, O 1861
McLaren, Peter, Ormstown, Q 1872
McLaren, D. C., B.A., Montreal 1880
*McLean, Alexander, 1860
McLean, J. W., Point Hastings, N S 1883
McLean, Thos. N., Fergus Falls, Minn 1882
McLean, J. M., B.A., Pictou, N S 1884
McLellan, Jas. H., Summerside, P E I 1884
McLeod, Arch., B.A., New Westminster, B C 1883
McLeod James, Charlottetown, P E I 1873
McMicking, George, Goderich, O 1851
McMillan, Æneas J., Manitou, Col 1874
McMillan, Louis, J. A., Mansonville, Q 1860
McMillan, John, Pictou, N S 1857
McMurray, Samuel, 1841
*McNaughton, E. P., 1834
McNee, Stewart, Rosemount, O 1879
McNeece, James, 1869
McNeil, Ernest, Vermont River, P E I 1870
McNulty, M., Brashers Falls, N Y 1880
McQuillen, James, Marquette, Mich 1874
*McRae, George, 1878
McTavish, Alexander, London, O 1869
*McVean, John M., 1865
Madill, John, Alliston, O 1867
Maher, J. J. E., New York 1883
Major, George W., B.A., Montreal 1871
Malcolm, John Rolph, Scotland, O 1861
*Malhiot, Alfred, 1846
Malloch, Edward C., Ottawa, O 1863
*Malloch, William B., 1867
Mallory, Albert E., Warkworth, O 1872
Marceau, Louis T., Napierville, Q 1872
Markell, Richard S., Cloverdale, Cal 1867
*Marr, Israel P., 1849
Marr, Walter H., W. 33rd St. N. York 1849
Marston, Alonzo W., Hull, Q 1871
Marston, John J., U. S. Army 1863
Martel, Ovide, Montreal 1883
Mason, J. L., M.A., Brailsford, Derby, Eng. 1863
Mattice, Rich. J., Cornwall, O 1875
‡Mathieson, John H., St. Mary's, O 1871
*Mathieson, Nich, 1870
Mayrand, William, St. Andrews, Q 1847
Meahan, J. C., Bathurst, N B 1884
Meane, John, Staff Srg. Maj. Army 1869
Meek, Jas. A., 20 W. 25th St. New York 1875
*Meigs, Malcolm R., 1865
Meuries, John B., Ft. Gratiot, Mich 1875
*Meredith, Thomas L. B., 1842
Merritt, D. P., B.A., Fitzroy Harbor, O 1884
Metcalf, Henry J., Thurso, Q 1876
Mewburn, F. H., Winnipeg, Man 1881
Mignault, Henri A., St. Denis, Q 1860
Mignault, L. D., B.A., Montreal, Q 1880
Miller, R., Surg. N. W. Mounted Police, Battleford, N W T 1870
Mills, Thos. W., M.A., Montreal 1876
Miner, Frank L., Abercorn, Q 1877
*Mines, William W., 1874
Mitchell, Fred. H., Winnipeg, Man 1871
Moffatt, John Edw. Staff Sur. Army 1862
Moffat, Walter, Pensacola, Fla 1858
Molson, William A., Montreal 1874
Mongenais, Napoleon, Rigaud, Q 1865
Monk, George H., Dillonton, Q 1875
Moore, Charles S., London, O 1874
Moore, Jehiel T., Tilsonburg, O 1874
Moore, Joseph, 1852
Moore, Richard, 1853
Moore, Robert C., St. Paul, Minn 1869
Moore, William. Algonac, Mich 1881
*Morin, Josh. [Hon.], 1859
*Morrison, David R., 1869
Morrison, John, M.A., Waddington, N Y 1872
Mount, John W., Montreal 1851
Munro, Alexander, Montreal 1876
Munro, James T., Dominionville, O 1872
Muckey, F. S., Medford, Minn 1883
*Murray, Charles H., B.A., 1876
Musgrove, W. J., W. Winchester, O 1882
Neilson, W. J., Winnipeg, Man 1878
Nelles, J. M., Canton, Ill 1875
Nelles, John A., London, O 1850
*Nelson, Horace, 1851
*Nelson, Wolfred [Hon.], 1848
Nelson, Wolfred D. E., Panama, C A 1872
Nelson, W. M. F., Montreal 1884
Nesbitt, James A., Salt Lake City, Utah 1868
Nicol, William R., Watkins, N Y 1872
*Nicholls, Chs. R., 1862
Norton, Thomas, Horning's Mills, O 1874
Oakley, William D., Streetsville, O 1877
O'Brien, Thomas B. P., Srg. Maj. Army 1862
O'Brien, Robert S., Nanaimo, B C 1873
O'Brien, David, Renfrew, O 1873
O'Brien, T. J. Pierce, Kansas City, Mo 1882
O'Brien, Timothy. Brudenell, O 1884
O'Callaghan, Cornelius H., 1854
O'Callaghan, T. A., B.A., Wo'ster Mass 1880
*O'Carr, Peter, 1857
*O'Connor, Daniel A., 1867
O'Dea, James J., Stapleton, Staten Island, N Y 1859
Odell, William, 1849
O'Keefe, Henry, Minto, Dakota 1882
Ogden, H. V., B.A., Milwaukee, Wis 1882
O'Leary, James, St. Pascal, Q 1866
O'Leary, Patrick, Montreal 1859
Oliver, James W., Chilton, O 1868
O'Reilly, Charles, Toronto, O 1867
Osler, William, Montreal 1872
*Padfield, Charles W., 1868
Painchaud, Edward, S. L., Varennes, Q 1848
Pallen, Montrose A., New York 1864
Palmer, Loran L., Toronto, O 1866
*Paquin, Jean M., 1843
*Paradis, Henri, 1846
*Paradis, Pierre E., 1867
*Park, George A., 1877
Parke, Charles S., Quebec 1866
Parker, Rufus S., Canton, Mass 1866
*Paterson, James M., 1855
Paterson, James, Winnipeg, Man 1864
*Pattee, George, 1859
Pattee, Richard P., Plantagenet, O 1874
*Patton, Edward K., 1867
Pegg, Austin J., Cayuga, O 1872
Pegg, Charles H., Chicago, Ill 1867
Perks, W. C., Dundas, O 1881
Perrault, Victor, St. Eustache, Q 1852
Perrier, John, Cleveland, Ohio 1868
Perrige, James, M.A., Montreal 1870
Perry, H. R., Cotcau Landing, Q 1873
Phelan, C. J. R., Waterloo, Q 1865

Phelan, James B., Chicago, Ill 1874
*Phelan, Joseph P., 1854
Philip, David L., Brantford, O 1863
Phippen, S. S. C., Owosso, Mich 1883
*Picault, Chas., 1857
Pickup, John W., Brockville, O 1857
Pinsonneault, B., Chicago, Ill 1886
*Pinet, Alexis, 1840
Pinet, Alex. R., St Laurent, Q 1864
Poole, H. E., Ormstown, Q 1880
Porteous, Wm., Pembroke, O 1884
Poussette, A. Courthope, Sarnia, O 1869
Powell, Israel Wood, Victoria, B C 1860
Powell, Newton W., Cobourg, O 1850
†Powell, Robert H. W., Ottawa, O 1876
Powers, George W., Eaton Cor., Q 1861
Powers, Lafontaine B., Port Hope, O 1867
Pringle, George, Cornwall, O 1855
Pringle, A. F., Northfield, Minn 1880
Prosser, Wm. O., Le Mars, Ply Co. Iowa 1874
Proudfoot, John S., Susp'on Bridge, O 1868
Proudfoot, Alex., Montreal 1869
Proulx, Phileas, Montreal 1844
*Prevost, E. Gilbert, 1859
Pulford, F. W., Stonewall, Man 1880
*Quarry, James J., 1868
*Quesnel, Jules M., 1849
Rae, John Hamilton [Hon], London, Eng 1853
*Rainville, Pierre, 1863
Rambault, J., Dep. Insp. Gen. Army 1859
*Rattray, Charles J., 1871
Rattray, James C., Cobden, O 1874
Raymond, Olivier, Montreal 1858
Read, Herbert H., Halifax, N S 1861
Redner, Horace P., Lonsdale, O 1864
Reddick, Robert, West Winchester, O 1874
Reddy, Herbert L., B.A., Montreal 1876
*Reddy, John [ad eun], 1856
Reed, Thomas D., Montreal 1870
Reed, John A., Sault Ste Marie, O 1871
Reid, Alex. Peter, Halifax, N. S 1858
*Reid, Kenneth, 1864
Renner, W. Scott, Jordan Station O 1884
Reynolds, T. W., Hamilton, O 1881
Reynold, Roberts T., Berlin, O 1836
*Reynolds Thomas, 1842
Richard, Marcel, Manchester, N H 1864
Richmond, P.E., Mount Pleasant, Minn 1873
Ridley, Henry Thomas, Hamilton, O 1852
*Rielle, Etienne R. E., 1857
Riley, Oscar H., Moer's Forks, Clinton Co., N Y 1879
Rinfret, Ferdinand R., Quebec 1868
*Rintoul, David M., 1854
Richardson, John R., Archer av., Chicago 1865
Riordan, B. L., Toronto, O 1880
Ritchie, Arthur F., B.A., Duluth, Minn 1876
Ritchie, John L., Army Med. Dept. 1874
*Roberts, Edward T., 1859
Roberts, John E., B.A., Monsague, Jam., W I 1867
Robertson, James E., Montague, P E I 1865
Robertson, David, Milton, O 1864
Robertson, David T., Lennoxville, Q 1857
Robertson, Patrick, St Andrews, Q 1867
Rohillard, Adolphe, Ottawa, O 1860
Robinson, Stephen J., Brantford O 1876
Robinson, Wesley, Markham, O 1877
Robitaille, Louis, New Carlisle, Q 1860
Robitaille, L. T., Quebec 1858
†Roddick, Thomas G., Montreal 1868
Rodger, Thomas A., Montreal 1869
Rogers, E. J. A., Denver, Col 1881
Rogers, Amos, Ottawa, O 1874
Rooney, R. F., Auburn, Placer Co. Cal 1870
†Ross, George, M.A., Montreal 1866
†Ross, James, B A., Dundas, O 1881
Ross, G. T., Montreal 1880
Ross, L. D., Montreal, Q 1884
Ross, W. K., Goderich, O 1883
Ross, Thomas, 1863
*Ross, Henry, 1872
Ross, William G., Ashburt, New Z 1871
*Ross, Wm. D., 1875
Ross, J. W., New York, N.Y. 1881
Rowell, G. B., Abbottsford, Q 1884
Rugg, Henry C., Perth, O 1865
*Rumsey, William, 1859
Rutherford, M. C., Fergus Falls, Minn 1879
Rutherford, Clarendon, M.A., Chicago 1882
Rutledge, And. J., Bayfield, O 1883
Ruttan, Allen, Napanee, O 1852
Ruttan, A. M., New York 1880
Ruttan, R. F., Montreal 1884
*Sabourin, Moise, 1849
Sampson, James [Hon], 1847
Sanderson, George W., Toronto, O 1850
Savage, Thos. Y., Thistletown, O 1854
Savage, Alex. C., 1866
*Sawyer, James H., 1863
*Schmidt, Samuel E., 1847
*Schofield, David T., 1854
Scott, John G., Hazeldean, Co Carlt, O 1879
Scott, Stephen A., 1854
*Scott, Wm. E., 1844
Scott, Wm. F., Hull, Q 1875
Scott, W. McE., Winnipeg, Man 1883
*Scriven, George Augustus, 1846
Seager, Francis R., Brigden, O 1870
Secord, Levi, Bright, O 1876
Setree, Edward W., Heuvelton, N Y 1878
Seguin, André, Rigand, Q 1848
Senkler, A. E., St Paul, Minn 1863
Serviss, T. W., Selina, Frisco Co., Cal 1881
Seymour, M. M., Winnipeg, Man 1879
*Sewell, Stephen C. [ad eun], 1843
Sewell, Colin [ad eun], Quebec 1869
Shanks, J. C., Howick, Q 1881
Sharpe, Wm., South Toledo, Ohio 1872
Shaw, Alexander, Bancroft, Mich 1882
Shaw, W. F., Bracebridge, O 1879
Shaver, Peter Rolph, Stratford, O 1854
Shaver, W. H., Wales, O 1883
*Shaver, R. N., 1857
Shepherd, Francis J., Montreal 1873
Sherk, George, Cheapside, O 1865
Shoebottom, Henry, Port Huron, Mich 1857
Shufelt, W. A., New York, N.Y. 1881
Sihler, G. A., Simcoe, O 1883
*Simard, Amable, 1852
Simpson, Thomas, Montreal 1854
Sinclair, Coll, Aylmer, O 1874
Small, H. B., Ottawa 1880
Smallwood, John R., St Clet, Q 1868
Smellie, T. S. J., M.A., Pr Arthur's Ldg, O 1877
Smiley, J. S., Portsmouth, Iowa 1880
*Smith, Daniel D., 1868
Smith, Daniel F., Walkerton, O 1878
Smith, E. H., Fullarton, Neb 1881
*Smith, Edward, W., 1859
Smith, John, Portland, Oregon 1879
Smith, Norman A., Frelighsburg, Q 1870
Smith, William, Lachute, Q 1876
Smith, Edward W., A.B. West Merriden, Conn 1882
Smith, W. A. de W., Montreal Q 1884
Smyth, H. E., Marlboro', Mass 1884
Smythe, T. W., Colonel 100th Regt 1848
Snider, Frederick S., Teeterville, O 1876
Sparham, Terence, Brockville, O 1841

Sparham, E. B., 1852
Spear, Andrew M., Danville, Q 1874
Spencer, R., Brandon, Man 1879
*Squire, William Wood, M.A., 1864
Stafford, Fred. J., Little Bay, Nfld 1878
Stanton, George, Simcoe, O 1868
Stark, George A., Milwaukee, Wis 1872
*Stannton, Andrew, 1840
Stephen, William, Montreal, Q 1881
Stevens, Alex. D., Dunham, Q 1857
Stevenson, Charles N., Coaticook, Q 1876
Stevenson, Hans, Chelsea, Q 1880
Stevenson, J. M., Bryanston, O 1856
*Stevenson, John L., 1855
*Stevenson, John A., 1873
Stevenson, Robert A., Strathroy, O 1871
Stewart, Alexander, Palmerston, O 1872
*Stewart, John Alexander, 1862
Stewart, James, Montreal, Q 1869
Stewart, J. O., 1880
Stephenson, James, Iroquois, O 1850
Stimpson, Alfred O., Thompson, Pa 1868
St. John, Leonard, Chicago, Ill 1872
Storrs, Arthur, Mexborough, York, Eng 1876
*Strobridge, James Gordon, 1862
Struthers, A. D., Frelighsburg, Q 1881
Struthers, K. B., Rochester, Minn 1883
Stroud, Charles S., Norway, Benton Co., Iowa 1876
*Sutherland, Fred. Dunbar, 1864
Sutherland, Walter, Valleyfield, Q 1871
*Sutherland, William, 1536
*Sutherland, William, 1870
Sutherland, William Dunbar, Montreal 1879
Switzer, Egerton R., Salina, Ks 1865
Tabb, Silas E., M.A., Sherbrooke, Q 1869
*Tait Henry Thomas, 1860
Taylor, Wm. H., Peterboro, O 1859
Taylor, Sullivan A., Gilmanton, N H 1870
Tew, Herbert S., Wakefield, York, Eng 1864
Temple, James A., Toronto 1865
Thayer, Linus O., Montreal 1859
*Therianlt, F. D., 1863
Therien, Honore, Bedford, Q 1863
*Thompson, James, 1842
Thompson, Robert, Brantford, O 1852
Thompson, Wm. A., New Richmond, Q 1882
Thornton, Hastwell W., B.A., New Richmond, Q 1882
Tracey, A. W., West Meriden, Conn 1873
Trenholme, Edward Henry, Montreal 1862
*Trudel, Eugene H., 1844
Trueman, J. E., Macan, N S 1881
Turgeon, Louis G., Montreal 1869
Turo, Henry A 1855
†Tunstall Simon J., B.A., Litton, B C 1875
Usher, Henry, Walkerton, O 1861
Vannorman, J. M., Detroit, Mich 1850
Vercoe, Henry L., Seaforth, O 1865
Vicat, John R., Melbourne, Q 1867
†Vineberg, Hiram N., Portage la Prairie, Man 1878

Wagner, A. Dixon, Cornwall, O 1872
Wagner, G. C., Dickinson's Ldg, O 1881
*Wagner, William H., 1844
Wakeman, William, Quebec 1866
Wales, Benjamin N., Robinson, Q 1874
*Walker, Robert, 1851
Walker, Felix D., Launching, P E I 1884
Wallace, Isaac U., Milton, Q 1874
Walsh Edmond C., Madrid, N Y 1866
Walton, George O., Barbadoes, W I 1873
Wanless, John R., Dunedin, New Z 1867
Ward, William T., Morristown, Minn 1873
Ward, Michael O'B., Montreal 1875
Warren, Frank, Brooklin, O 1872
*Warren, Henry, 1860
Waugh, William, London, O 1872
Weagant, C. A., Varker, O 1879
Webb, James T. S., Montreal 1871
Webster, Arthur D., Edinburgh, S 1878
Weilbrenner, Remi, Port Neuf, Q 1851
*Weir, Richard, 1852
*Wherry, John, 1862
Whitecomb, Josiah G., Omaha 1848
Whiteford, James W., Winnipeg, Man. 1873
Whiteford, Richard, Toledo, Ohio 1857
Whitwell, W. P. O., Philipsburg, Q 1860
*Whyte, Joseph A., 1870
Wigle, Hiram, Wiarton, O 1875
*Widmer, Christopher [Hon] 1847
*Wilcox, Marshall B., 1868
Williams, J., Boston, Mass 1881
Williston, H. V., M.A., Newcastle, N B 1879
Wilson, Benjamin S., Belleville, O 1866
*Wilson, Robert M., 1850
Wilson, William, Ottawa 1857
Wilson, Samuel, F., Millstream, Kings Co., N B 1884
*Wilscam, John Wilbrod, 1846
Woolverton, Algernon, M.A., Hamilton, O 1867
Woods, David, Staff Surgeon Army 1860
Wood, George C., 1849
Wood, George, Faribault, Minn 1863
Wood, Ed. S., Faribault, Minn 1883
Wood, Hannibal W., Knowlton, Q 1865
Woods, Jno. J. E., Aylmer, Q 1875
Woodful, Sam. Pratt. Surg. Maj 1864
Woolway, C. J. Copper Falls, Mich 1875
*Workman, Benjamin, 1853
Workman, Joseph, Toronto 1835
Worthington, Edward [ad eun] Sherbrooke, Q 1868
Wright, John W., B.A., Picton, O 1878
Wright, Henry P., Ottawa 1872
Wright, Stephen, Ottawa, O 1859
Wright, William, Montreal 1848
Wye, John H., 22 Upper Woburn Pl, London 1868
Young, Philip R., Clarenceville, Q 1876
Young, Robert C., Ridgetown, O 1873
Youker, William, Stirling, O 1870

*Deceased.

†Medallist.

# EXAMINATION PAPERS.

## SESSION 1883-84.

### MATRICULATION EXAMINATIONS.

#### LATIN.

SATURDAY, MARCH 29TH, 1884.

*Examiner*, .....H. ASPINWALL HOWE, M.A., LL.D.

NOTE.—Candidates may choose, in this Paper, between Cicero and Virgil.

1. Translate, *without unnecessary change of construction* :—

(*a*) Patria tecum, Catilina, sic agit, et quodammodo tacita loquitur: Nullum aliquot jam annis facinus exstitit, nisi per te: nullum flagitium sine te: tibi uni multorum civium neces, tibi vexatio direptioque sociorum impunita fuit ac libera: tu non solum ad negligendas leges ac quæstiones verum etiam ad evertendas perfringendasque valuisti. Superiora illa, quamquam ferenda non fuerunt, tamen, ut potui, tuli: nunc vero me totam esse in metu propter te unum: quidquid increpuerit, Catilinam timeri: nullum videri contra me consilium iniri posse, quod a tuo scelere abhorreat, non est ferendum. Quamobrem discede atque hunc mihi timorem eripe: si est verus, ne opprimar; sin falsus, ut tandem aliquando timere desinam.

(*b*) Itaque ego illum exercitum et Gallicanis legionibus et hoc delectu, quem in agro Piceno et Gallico Q. Metellus habuit, et his copiis, quæ a nobis quotidie comparantur, magno opere contemno, collectum ex senibus desperatis, ex agresti luxuria, ex rusticis decoctoribus, ex iis, qui vadimonia deserere, quam illum exercitum, maluerunt: quibus ego non modo si aciem exercitus nostri, verum etiam si edictum prætoris ostendero, concident. Ilos, quos video volitare in foro, quos stare ad curiam, quos etiam in senatum venire, qui nitent unguentis, qui fulgent purpura, mallem secum suos milites eduxisset: qui si hic permanent, mementote, non tam exercitum illum esse nobis, quam hos, qui exercitum desciuerunt, pertimescendos.

2. Parse and decline *facinus, tibi uni, valuisti, metu, increpuerit, discede.*

3. Write the degrees of comparison of *multus, superior, magnus, senex utilis, similis.* Give the Perfect, Present Infinitive, and Supine of *negligo, everto, perfringo, increpo, discedo, desino.*

4. Explain the terms Cardinal, Ordinal, Distributive, Multiplicative, as applied to Numeral Adjectives. Give all these forms for *unus*, and also its Adverb.

5. Write short notes explanatory of:—

(*a*) *Taeita* loquitur:—What use of the adjective is this?

(*b*) Non *est ferendum*:—What is the subject of this predicate?

(*c*) *Quotidie* comparantur:—What is the composition of this adverb? Give examples of (1) adverbs formed from nouns, (2) from verbs.

(*d*) Video *volitare*:—By what name are verbs of this class known, and how are they formed? Give an example or two.

(*e*) Si prætoris edictum *ostendero*:—What tense, and why?

## VIRGIL.

1. Translate, *without unnecessary change of construction*:—

(*a*) Tres notus abreptas in saxa latentia torquet:
Saxa vocant Itali, mediis quæ in fluctibus, Aras;
Dorsum immane mari summo. Tres Eurus ab alto
In brevia et syrtes urget, miserabile visu,
Illiditque vadis atque aggere cingit arenæ.
Unam, quæ Lycios Idumque vehebat Oronten,
Ipsius ante oculos ingens a vertice pontus
In puppim ferit; excutitur pronusque magister
Volvitur in caput: ast illam ter fluctus ibidem
Torquet agens circum, et rapidus vorat æquore vortex.
Apparent rari nantes in gurgite vasto,
Arma virum tabulæque et Troia gaza per undas.
Jam validam Ilionei navem, jam fortis Achatæ,
Et qua vectus Abas, et qua grandævus Aletes,
Vicit hiems: laxis laterum compagibus omnes
Accipiunt inimicum imbrem, rimisque fatiscunt.

(*b*) Æneas—neque enim patrius consistere mentem
Passus amor—rapidum ad naves præmittit Achaten,
Ascanio ferat hæc, ipsumque ad mœnia ducat.
Omnis in Ascanio cari stat cura parentis.
Munera præterea, Iliacis erepta ruinis,
Ferre jubet, pallam signis auroque rigentem,
Et circumtextum crocco velamen acantho,
Ornatus Argivæ Helenæ; quos illa Mycenis,
Pergama cum peteret inconcessosque hymenæos,
Extulerat, matris Ledæ mirabile donum:
Præterea sceptrum, Ilione quod gesserat olim,
Maxima natarum Priami, colloque monile
Baccatum, et duplicem gemmis auroque coronam
Hæc celerans, iter ad naves tendebat Achates.

2. Parse and decline *fluctibus, mari summo, unam, vehebat, volvitur, vicit.*

3. Write the degrees of comparison of *multus, summus, maximus, senex utilis, similis.* Give the Perfect, Infinitive, Present and Supine of *abripio torqueo, cingo, veho, volvo, exculio.*

4. Explain the terms Cardinal, Ordinal, Distributive and Multiplicative as applied to Numeral Adjectives. Give all these forms for *unus*, and also its Adverb.

5. Write short notes explanatory of :—

(*a*) *Dorsum immane* mari summo :—What case, and why ?

(*b*) Apparent *rari* nantes :—What use of the adjective is this ?

(*c*) Ascanius *ferat* hœc :—What mood, and why ?

(*d*) *Ibidem* torquet agens :—What is the formation of this adverb ? Give examples of (1) adverbs derived from Nouns, (2) from Verbs.

(*e*) Fidumque vehebat Orontem :—Why imperfect tense ?

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Optional Subjects.

FRENCH.

Saturday, March 29th, 1884.

*Examiner*,.....H. Aspinwall Howe, M.A., LL.D.

1. Translate, *as closely as difference of idiom will admit :*

Charles reçut tous ces prisonniers d'importance avec une politesse aussi aisée et un air aussi humain que s'il leur eût fait dans sa cour les honneurs d'une fête. Il ne voulut garder que les généraux. Tous les officiers subalternes et les soldats furent conduits désarmés jusqu'à la rivière de Narva : on leur fournit des bateaux pour la repasser, et pour s'en retourner chez eux. Cependant la nuit s'approchait ; la droite des Moscovites se battait encore : les Suédois n'avaient pas perdu six cents homme. dix-huit mille Moscovites avaient été tués dans leurs retranchements ; un grand nombre était noyé ; beaucoup avaient passé la rivière : il en restait encore assez dans le camp pour exterminer jusqu'au dernier des Suédois. Mais ce n'est pas le nombre des morts, c'est l'épouvante de ceux qui survivent, qui fait perdre les batailles. Le roi profita du peu de jour qui restait pour saisir l'artillerie ennemie. Il se posta avantageusement entre leur camp et la ville : là il dormit quelques heures sur la terre, enveloppé dans son manteau, en attendant qu'il pût fondre au point du jour sur l'aile gauche des ennemis qui n'avait point encore été tout à fait rompue.

2. Write the plural of the nouns *chou, sou, travail, cheval, bal, éventil, œil, bétail* ; and the feminine of the adjectives *vieux, épais, beau, doux, sec, malin, long.*

3. When do the numeral adjectives *vingt*, and *cent* take *s* for their plural? When is *mil* used instead of *mille?* Write short sentences to illustrate answers.

4. Write in French:—*her cloak, his cloaks, her cloaks*, and explain the difference between the two languages in the use of Possessive Adjectives.

5. In the above extract why is *perdu* not plural, and in the next line why is *tués* not singular? When is the *Present Participle* of a French Verb ever made feminine and plural?

6. Write out the Imperfect Indicative of *s'approcher*, the Present Ind. of *dormir*, and the Future Ind. and Present Subj. of *pouvoir*.

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## ENGLISH.

SATURDAY, MARCH 29, 1884.

*Examiner*,.....H. ASPINWALL HOWE, M.A., LL.D.

1. Write legibly and punctuate properly the Dictation which will be read to you.

2. Expand the simple sentence "The Minister preached," by adding an Adjective *sentence* to the subject and an Adverbial *phrase* to the verb.

3. Parse "All the rest of the evening he played us airs from the opera, Il Trovatore."

4. Name the various classes (four) of Adjectives and distinguish between the *Attributive* and the *Predicative* use of an adjective. Illustrate your answer by examples.

5. What is meant by the *Mood* of a verb. Name the Moods, and give the significance of each explicitly.

6. Give the plural of:—*self, sheaf, gulf, spoonful, father-in-law, Madam, fox, vortex, genus, genius, crisis, cherub, beau.*

7. Write the Past Tense and Perfect Participle of *awake, beat, cling clothe, row, fly, flee, lay, lie, sew, sow, swell.*

8. Spell the present participle of:—*differ, defer, throb, laud, rid, ride, lie, lay, die, dye, sing, singe.*

9. Correct errors in the following, giving reason for the correction:—

Those kind of potatoes are the best.
That wife of my uncle's is always scolding.
I intended to have called last week.
They that honour me I will honour.
Who are you speaking to?

10. The grammatical correctness of the last sentence above can be defended. By what explanation ?

11. Take the forms *man*, *fer*, (fero, I carry) and *graph* (grapho, I write); add as many prefixes and affixes as you can, giving the force of each, with the meaning of the words thus formed.

12. Give the etymology with meanings of:—*sheriff*, *alderman*, *witness*, *viaduct*, *emissary*, *stratification*, *chronometer*, *telephone*, *monarchy*, *abattoir*, *tapestry*, *poultry*.

13. Write a short Composition exercise on some important event in British History.

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## BRITISH HISTORY.

SATURDAY, MARCH 29TH, 1884.

*Examiner*,.....H. ASPINWALL HOWE, M.A., LL.D.

1. What is meant by the *Feudal System?* What were its leading provisions? By whom was it introduced into England?

2. Name the first king of the House of Hanover, and shew his claim genealogically to the throne of England. By what *Act* was this claim constituted into a *right?*

3. What was the *East India Company?* Give a short account of the origin and progress of the British power in India, with names of leading characters, and with dates.

4. State a few of the most important events in the history of Canada.

5. What contests were decided, and in whose favor, by each of the following victories:—Tewkesbury, Bosworth, Naseby, Worcester, Preston, Culloden, York-town, Vittoria

6. What were "The Hundred Years' War," "The Thirty Years' War," and "The Seven Years' War?" Name the Treaties of Peace by which the first was interrupted and the other two terminated.

7. What were "The Curfew," "The Star-Chamber," "The Solemn League and Covenant," "The Reform Bill."

Who were "The Non-conformists," "The Puritans," "The Independents," "The Pilgrim Fathers?"

## GEOGRAPHY.

1. Name the Islands, and the continents, with their several countries, traversed by the equator. Name the same also for the Meridian of Greenwich from north to south.

2. Draw a map of Egypt, shewing the junction of the White and Blue Nile, the subsequent course of that river and its Delta. Mark the position of Alexandria, Rosetta, Damietta, Suez, Cairo, The Pyramids, Khartoum and Suakim.

3. What are the boundaries of France, The Scandinavian Peninsula and British North America?

4. Where and what are Tonquin, Madagascar, Merv, Nerbudda, Coromandel, Malabar, Congo, Odessa, Dwina, Ortegal, Honduras, Maracaybo, Alaska, Canso, Miquelon.

5. What articles of commerce are intercharged between Great Britain and the following countries—France, India, United States and Canada.

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## ARITHMETIC.

SATURDAY, MARCH 29TH, 1884.

*Examiner*,..... H. ASPINWALL HOWE, M.A., LL.D.

1. What was the price of land per acre, when 96 acres, 2 roods, 10 poles were bought for $1,390.50.

2. To $3\frac{1}{2}$ of $5\frac{1}{6}$ add $\frac{2}{3}$ of $(6\frac{1}{4} - 1\frac{1}{2})$, and from the sum subtract $\frac{2\frac{1}{6}}{\frac{5}{3}}$

3. Simplify $\frac{22.4}{.25} + \frac{250}{.8} \div \frac{1.2}{.0075}$ without reducing the quantities to vulgar fractions, and prove the result by so reducing them.

4. If 8 per cent. is lost by selling an article for £25 10s. 0d., what per cent. would be gained or lost by selling it for £34?

5. The 3 per cents are at 96 and the $3\frac{1}{2}$ per cents at 105, which investment would produce the higher interest, and by how much per cent?

## ALGEBRA.

1. Find the Least Common Multiple of $12x(x-1)^2$, $15(x^5 - x^3)$ and $30x^2(x+1)$.

2. Divide $a^6 - 6a + 5$ by $a^2 - 2a + 1$ and prove the result by multiplication.

3. Shew that $\frac{x-a}{x-b} + \frac{x-b}{x-a} - \frac{(a-b)^2}{(x-a)(x-b)} = 2$; and that

$$1 + \frac{a^2 + b^2 - c^2}{2ab} = \frac{(a+b+c)(a+b-c)}{2ab}.$$

Solve the equations :—

(1) $(x-a)\ (x-b) = (x-a-b)^2$.

(2) $\left\{ \begin{array}{l} \frac{1}{3}(x+y) = 15-x \\ \frac{1}{5}(x-y) = 6-y \end{array} \right\}$

5. A cistern could be filled in 12 minutes by two pipes together, and it would be filled in 20 minutes by one of them alone. In what time would it be filled by the other alone ?

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## GEOMETRY.

SATURDAY, MARCH 29TH, 1884.

*Examiner*,.....H. ASPINWALL HOWE, M.A., LL.D.

1. If, at a point in a straight line, two other straight lines on the opposite sides of it, make the adjacent angles together equal to two right angles these two straight lines shall be in one and the same straight line.

2. One side of a triangle is greater than another. Prove that the former has the greater angle opposite to it.

3. If a side of a triangle be produced, the exterior angle is equal to the two interior and opposite angles, and the three interior angles of every triangle are together equal to two right angles.

(*a*) Prove that in any right-angled triangle the straight line joining the middle point of the hypothenuse to the right angle is equal to half the hypothenuse.

4. If a straight line be divided into any two parts, the rectangles contained by the whole and each of the parts, are together equal to the square of the whole line.

(*b*). Write the Algebraic expression for this Theorem.

(5). In every triangle the square on the side subtending an acute angle is less than the squares on the sides containing that angle by twice the rectangle contained by either of those sides and the straight line intercepted between the perpendicular let fall on it from the opposite angle, and the acute angle.

NOTE.—Confine your proof to the case in which the perpendicular falls within the triangle.

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## NATURAL PHILOSOPHY.

1. Two forces of 9 lbs. and 12 lbs. act upon a point at right angles to each other. Find the magnitude of the resultant.

2. Give the laws for velocity, time and space described when bodies descend on inclined planes. In what ratio is the force of gravity diminished in such cases.

3. What quantities are involved in problems of the Pendulum. Write an equation for one of them in terms of the others.

4. Explain clearly the method by which the varying force of gravity is determined at different points on the Earth's surface.

5. Distinguish between the centre of gravity and the centre of buoyancy of a floating body. When is the equilibrium of such a body stable, unstable and neutral.

6. The pressure of the atmosphere at the sea level is 15 lbs on the square inch. Why is the body of a diver descending in water still subject to this pressure?

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## BOTANY.

### *Optional Subjects.*

SATURDAY, MARCH 29TH. 1884.

*Examiner*,.....H. ASPINWALL HOWE, M.A., LL.D

1. Define the terms Root, Stem, Leaf, Hair, giving examples.

2. Distinguish between a simple and a compound Leaf, and give example of the latter. What are the functions of Leaves for the nutrition of plants and how are these functions performed when the plant is leafless?

3. Name the important elements of plant food, and state whence the plant obtains them.

4. Distinguish between a seed and a fruit, giving examples.

5. Name the parts of a complete flower, describing in detail the structure of one of the essential organs.

## CHEMISTRY.

1. What is chemical affinity? Describe the action that takes place when iron rusts. How does oiling the metal prevent this?

2. What is meant by *latent* heat. Define the terms diathermanous and athermanous, and name some bodies that belong to one class or the other.

3. How can drinkable water be prepared from sea-water?

What are the principle constituents of sea-water?

4. State the composition of limestone. How would you demonstrate its constituents?

5. What are the chief characters of carbon, phosphorus, and mercury?

## BOTANY.

### FIRST YEAR.

SATURDAY, MARCH 15TH, 1884.

*Examiner*,.....PROF. D. P. PENHALLOW, B.Sc.

1. Define the principles of classification and point out the essential distinctions between natural and artificial systems, as also the advantage of each.

2. State what you can concerning the proper method of collecting and preserving plants.

3. Plant food : Its source, general character and function.

4. Assimilation : Describe the process, together with the most important and characteristic chemical changes. Also state what are the resulting products.

5. Metastasis : The nature of the process, the characteristic chemical changes, resulting products and distinction from assimilation.

6. Fruit of Phenogams : State its morphological character ; give a simple classification, and state reasons for the various morphological distinctions made.

7. The seed : Its origin, parts, function and special provision for nutrition of the young plant.

8. Describe the physical conditions essential to the promotion of assimilation, and show how this function may be varied by change of conditions.

9. *Rosacæ*, *Ranunculaceæ*, *Anacardiaceæ* : Describe the general habit of growth ; state if injurious or useful, and in what respect, and mention some useful Canadian members, if possible.

10. *Leguminosæ*, *Compositæ*, *Sapindaceæ* : State where these families are chiefly found ; for what they are chiefly useful, and give examples of Canadian species of value.

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## HISTOLOGY.

### FIRST YEAR.

MARCH 15TH, 1884.

*Examiner*,.....PROF. OSLER, M.D., F.R.C.P. LOND.

Describe the structure

(1). Of the mucous membrane of the bladder, of a bronchus and of the nose ;

2. Of a liver lobule ;

3. Of the grey matter of the spinal cord.

*Oral and Practical.*

Monday, March 17th. In the Laboratory, 1 to 5 p.m.

## PHYSICS.

### FIRST YEAR.

*Examiner*,.....PROF. G. P. GIRDWOOD, M.D., M.R.C.S. ENG.

1. What is meant by capillary attraction. Give reason why water presents a concave surface in a glass tube and mercury a convex one.

2. Give a short account of the Atomic Theory, showing the difference between atomic weight, equivalent weight and molecular weight.

3. Describe the process of solution and crystallization, giving the principal forms of crystals and their action on light and the action of heat upon them.

4. Describe the different forms of thermometers, and show how the temperature marked on one scale can be converted into corresponding temperature of other scales in use.

5. Describe a simple galvanic cell, and show the changes which take place during the time of contact between the terminals.

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## SUTHERLAND MEDAL.

### SECOND YEAR.

MONDAY, MARCH 24TH, 1884.

*Examiner*,.....PROF. G. P. GIRDWOOD, M.D.

1. Describe Fraunhofer's lines, and explain how they are supposed to be produced?

2. Show how specific heat of compounds may be used to correct or determine the atomic weights of elements.

3. How can nitrogen be estimated, give the formula for the necessary corrections of the volume?

4. Describe the process of obtaining copper from its ores (the sulphides).

5. Give the process for the separation of magnesium.

6. Given 1 gramme of sugar, what weight of water and carbon dioxid will it yield on combustion.

7. How is magnesia estimated, give the process and figures for estimating the magnesia in 0.5 gramme $MgSO_4$.

8. What are the results of the oxidation of a primary, secondary and tertiary alcohol. Giving examples.

## PHYSIOLOGY.

### SECOND YEAR.

TUESDAY, MARCH 18TH, 1884.

*Examiner*,.....PROF. OSLER, M.D., F.R.C.P., LON.

1 Describe the chemical and physiological properties of hœmoglobin.

2. Explain an *ordinary* inspiratory act.

(3) Explain the act of defacation.

4. An impression is received by the skin of the fingers and the hand is withdrawn. State :—(1) the path of the sensory impression to the grey matter of the cerebrum and the path of the moter impulse, causing the withdrawal of the arm ; (2) the chief facts on which you base your statements.

5. The functions of the 3rd nerve.

6. Describe the forms of placentation in Mammals.

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## PRACTICAL ANATOMY.

EXAMINATION FOR HONORS.—THE DEMONSTRATOR'S PRIZE.

TUESDAY, MARCH 25th, 1884.

*Examiner*,.....R. L. MACDONNELL, B.A., M.D.

1. Name the parts divided by a knife drawn directly from one malleolus to the other, across the sole of the foot, cutting to the bone.

2. Describe the dissection necessary to expose the anterior surface of the adductor pollicis manus muscle.

3. Name in order, from below backwards, the parts divided in a horizontal section of the trunk at the level of the symphysis pubis.

4. Name in the order in which they are placed the parts in the space corresponding to the outline of the masseter muscle, beginning immediately under the skin and ending at the pharynx.

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## ANATOMY.

WEDNESDAY, MARCH 19TH, 1884.

*Examiners*,..... { PROF. FRANCIS J. SHEPHERD, M.D.
LECT. RICHARD MACDONNELL, B.A., M.D.

1. Describe the *radius*, including its articular surfaces, and mention in their proper relations the muscles attached to it, giving their actions and nerve supply.

2. Describe the *Hip Joint*, and name in their order the structure in relation to it.

3. Give the dissection necessary to expose fully the *Flexor Accessorius Pedis* muscle.

4. Enumerate in order the structures which must be removed to expose the first two portions of the *Internal Maxillary* artery.

5. Give the course and distribution of the third cerebral nerve. What results occur from its division?

6. Describe briefly the parts in relation with the anterior wall of the lower three inches of the *Rectum* in the male.

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## MATERIA MEDICA AND THERAPEUTICS.

WEDNESDAY, MARCH 19TH, 1884.

*Examiner*,.....PROF. J. STEWART, M.D.

1. Contrast the emetic actions of the following agents, ipecacuanha, tartar emetic, sulphate of zinc and apomorphia. Give the emetic dose and mode of administration of each.

2. Compare the antipyretic actions of quinine, salicylic acid, kairin, and a general bath at a temperature of 65° [Fah.] Give the mode of using these different means in order to obtain their fullest antipyretic effects.

3. Describe the method to be adopted in carrying out the treatment of a wound in a state of putrefaction by the following antiseptic agents: carbolic acid, corrosive sublimate, iodoform and naphthalin. What untoward effects may arise from the employment of carbolic acid and iodoform as antiseptics in the treatment of wounds?

In the case of carbolic acid describe fully the means to be adopted to counteract these effects once they have set in.

4. Describe the different methods of introducing mercury and iodine into the system for the treatment of syphilis. What untoward effects sometimes arise from the use of mercury? What is the best means to adopt to prevent the development of these effects. The untoward effects once having set in, what would be your treatment?

5. What accidents may happen during the administration of chloroform?

Give in detail the treatment you would adopt for the accidents you mention? Are there any conditions which render ether not the safest anæsthetic?

How would you treat a case of opium poisoning? How would you treat the disagreeable symptoms which often occur after a moderate dose of opium? How is the action of opium modified by:—

(1) Age.
(2) Sex.
(3) Idiosyncrasy.
(4) Habit.
(5) Disease.

In what points are the actions of morphia said to differ from that of opium?

*Students are required to answer four questions only of the six.

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## THIRD YEAR.

MONDAY, MARCH 17th, 1884.

### HYGIENE.

*Examiner*,.....R. L. MACDONNELL, B A , M.D.

1. How would you proceed to trace out the origin of an outbreak of typhoid fever in a small town?

2. Describe in detail the means to be adopted for counteracting contagion in a house where a case of scarlatina has occurred. (*a*) During the progress of the case, (*b*) During convalescence.

3. Enumerate the essential requirements of a good house drain.

4. What is meant by the "dry earth" system of removing excreta? Discuss its advantages and disadvantages.

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### MEDICAL JURISPRUDENCE.

SATURDAY, MARCH 22ND, 1884.

*Examiner*,.....PROF. GEORGE WILKINS, M.D., M.R.C.S. ENG.

1. What is the *hydrostatic lung test?* How performed? What are the objections to it as a test?

2. *Rigor mortis.* What is it? When does it set in? In what way may the cause of death affect its time of appearance and its duration?

3. What are the post-mortem appearances indicative of death from *asphyxia.*

4. In life insurance, what do you mean by the term "expectation of life." Give rules for calculating the "expectation"; also the "expectancy" of a man aged 35. What do you understand by the term "ten-year life" (ten payment life) policy?

5. Describe the stages of *general paralysis of the insane.*

6. What are the symptoms of *irritant* poisoning?

## PATHOLOGY.

### THIRD YEAR.

MONDAY, MARCH 17TH, 1884

*Examiner*,.....PROF. OSLER, M.D., F.R.C.P. LOND.

1. Give a classification of the pathogenous Bacteria. Discuss the conditions necessary to be fulfilled before a micro-organism found in any disease can be said to be *specific*.

2. Describe the changes which a Thrombus may undergo.

3. Describe the coarse and microscopic characters of amyloid degeneration.

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## THEORY AND PRACTICE OF MEDICINE.

FRIDAY, MARCH 21ST, 1884.

*Examiner*, .....PROF. R. P. HOWARD, M.D., L.R.C.P.,L.

1. Under what circumstances are albumin and tube-casts respectively found in the urine?

2. The symptoms and signs of anæmia and the characters of the blood in the simple and pernicious forms?

3. In what points do typhoid fever and Asiatic cholera resemble one another?

4. At what ages and under what conditions do the following diseases usually occur?—laryngismus, capillary bronchitis, rickets, cerebral hæmorrhage.

5. Describe the treatment of acute croupous pneumonia, and the indications for stimulants in that disease.

6. Sketch the morbid anatomy of the two forms of tuberculous kidney and the clinical evidence of "scrofulous kidney."

7. Mention the complications of acute articular rheumatism, and describe the treatment of hyperpyrexia in that affection.

8. "Biliary cirrhosis"—its pathology and clinical features?

9. State the characteristics of paralysis due to disease of the motor convolutions.

10. A youth suddenly suffers pain in mammary region and fever, without cough. A few days subsequently, respiratory and vocal sounds are weak, and percussion-note dull over right mammary zone of chest, but exaggerated over infra-scapular and infra-clavicular regions. About two weeks later he suddenly expectorates 12 ounces of pus, and a few days subsequently the physical signs over the original dull area are amphoric respiration, with metallic echo and hyper-resonant percussion-note. Over the base and apex the signs continue exaggerated. Give a diagnosis of the case, explain your reasons, and suggest appropriate treatment.

NOTE.—When describing treatment state the doses of the medicines to be employed.

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## M.D., C.M., FINAL EXAMINATION.

### PRINCIPLES AND PRACTICE OF SURGERY.

SATURDAY, MARCH 22nd, 1884.

*Examiners*..... { PROF. G. E. FENWICK, M.D.
" F. BULLER, M.D., M.R.C.S., ENG.

1. Give the diagnosis and treatment of the various forms of hæmorrhage due to injury.

2. Rupture of muscular fibre; what symptoms would indicate such an injury? At what part of its course would a muscle be most likely to give way; and how would you treat it?

3. Describe the boundaries of Scarpa's triangle; mention the tumours or swellings sometimes met with in this region, and how would you distinguish them?

4 Describe the causes, most frequent situations, symptoms, and treatment of Abscess in Bone.

5. Mention the anatomical division of the male urethra; where does organic stricture of that canal most frequently occur?

6. Give a definition of the term "Hernia." In strangulated inguinal herniæ, where is the stricture situated; mention the relation of the epigastric artery to the neck of the sac in each variety.

7. Describe the different forms of Gangrene, mention the causes and treatment to be followed in each variety.

8. Ganglion: what is it, where does it commonly occur, how is it produced, and how would you treat it?

9. Mention the syphilitic diseases of the eye (those affecting only the eyeball), and give a brief account of Syphilitic Iritis, and state particularly how you would treat this disease.

10. Ulceration of the Cornea with Hypopyon; describe this condition as commonly seen, and how you would treat an eye so affected.

## FINAL EXAMINATION.

## MIDWIFERY AND GYNÆCOLOGY.

FRIDAY MARCH 21, 1884.

*Examiners*,..... { PROF. BROWNE, M D. / PROF. GARDNER, M.D.

1. What is meant by abortion? Give the chief causes, the symptoms and treatment of abortion.

2. Into how many stages is labor divided? How would you manage the third stage of labor?

3. What is the first position of the vertex? Describe the attitude of the fœtus *in utero*, in so-called first positions.

4. What objections exist to the use of ergot in labor, and when would you use ergot, if at all?

5. Give the causes, symptoms and treatment of post-partum hemorrhage?

6. What diseases are lying-in women peculiarly liable to?

Give the causes of septicæmia, and the symptoms and treatment of acute septicæmia.

7. Dysmenorrhœa; mention the varieties, and sketch the symptoms of each.

8. Chronic endometritis; the symptoms and treatment.

9. Tents, their indications, uses, contraindications and dangers.

10. Describe fully Sim's method of speculum examination, and its advantages.

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A set of chemical reagents which can be carried in the vest pocket, and comprehending tests for all the important morbid conditions of the urine, is something which may in truth be said to supply a want long felt by the physician. Such a set of reagents we offer in these test papers. Slips of bibulous paper are charged with the several reagents, and these are neatly arranged in the case with full directions for use. The reagents include:

1. Litmus Paper (neutral).
2. Copper test for sugar, practically the same as Fehling's solution.
3. Picric acid, employed in connection with sodium carbonate as a test for sugar, in connection with citric acid it is an extremely delicate indication for albumen.
4. Sodium carbonate, used as just mentioned.
5. Citric acid, employed in testing for albumen in connection with the three following reagents:
6. Potassium ferrocyanide.
7. Potassio-mercuric iodide.
8. Sodium tungstate.

Finally the citric acid paper may be used in connection with common salt as a reagent of extraordinary delicacy in testing for albumen. As an additional test for sugar, the physician may use, from his pocket medicine case, a little sub-nitrate or sub-carbonate of bismuth, in connection with sodium carbonate. For albumen, he will of course always employ the test by heat, in addition to the precipitation tests.

Thus he will be provided with the means of making in the sick-room a very complete examination, for clinical purposes, of any specimen of urine suspected of being abnormal. The idea of these bedside tests originated with Dr. G. Oliver, of Harrowgate, Eng. Dr. C. W. Purdy, in an article in the *the Journal of the American Medical Association* (Jan. 19th, 1884), mentions especially the sodium tungstate and potassio-mercuric iodide as valuable additions to our list of urinary reagents, and recommends the test papers as of great value in enabling the physician to make preliminary tests at the bedside of the patient.

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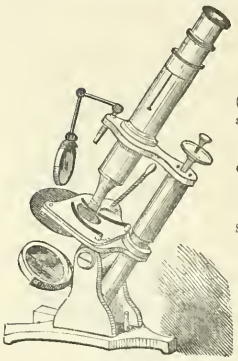

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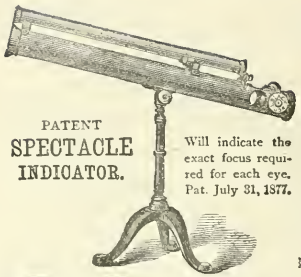

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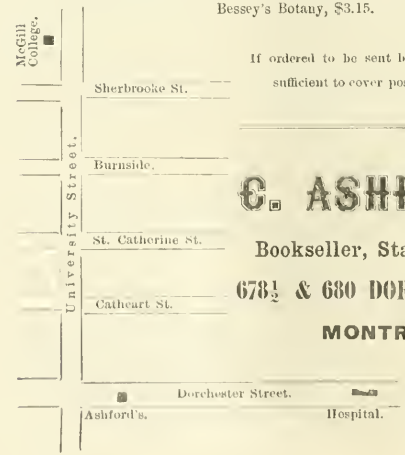


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